



**AUTOMOTIVE & INDUSTRIAL LUBRICANT MANUFACTURER**

**Manufactured & Marketed By**

**KB | LUBES PVT. LTD.**

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**Lubrinnox<sup>®</sup>**  
Quality | Economy | Satisfaction

# INDUSTRIAL PRODUCT CATALOGUE

Dear Customers,

I take this opportunity to thank our valued customers, whose continued patronage and confidence in our products inspires us to extend the best of services. We are committed to TOTAL CUSTOMER SATISFACTION by identifying their specific needs and translating them into Quality products. QUALITY in a service or product which is not only what you put into it but also is what the client or customer gets out of it.

"Thanks to the Dedication, Commitment, Honesty and Constant Hard Work of our team, the LUBRINOX Group, today holds an important position in the oil market. During two and a half years of experience, we Evolved, we Grew, and we Adjusted our Strategy and Management according to market's evolution, investing on our business' diversification and always appreciating the efforts of our employees' who are always hands on to satisfy our clients' need.

This commitment is in the corner stone of our system which adheres to ISO 9001:2015. I therefore seek continued patronage of our valued customer, co-operation of our employees' and thank our well wishers who have contributed to the growth of organisation.

On our honour Suffice to say, in an age ruled by Dynamism, Dedication and upbeat milestones, LUBRINOX has taken oath to be icon of trust and reliability.

From the Desk of

**JIGNESH S. AGARWAL**  
**MANAGING DIRECTOR**



## MISSION

Our commitment is the future. By keeping the customer in the heart of decision making we want to ensure a heightened quality and brand experience.

## VISION

To build value for customer through: • **QUALITY** • **ECONOMY** • **SATISFACTION**

## CORPORATE PROFILE

KB LUBES PVT. LTD is an ISO Certified company 9001:2015 established in the month of November, 2012 with its Corporate Head Office at Pune and State-of-the-art Manufacturing unit at Chakan MIDC (Pune). We are manufacturers for Industrial, Automotive and Speciality Lubricants. Lubrinol is one of the major integrated oil manufacturing company, committed to growth through the activities of Formulation, Testing, Manufacturing, Filling, Packing and then up to Dispatch of products. We have the passion of challenges, continuous improvements, excellence and value for the people, the environment and integrity. Lubrinol is leading manufacturer and suppliers of lubricants, greases and speciality products combined with comprehensive end to end customised solutions and fulfilment services. LUBRINOX offers its clients, a wide and unmatched range of products.

- 1) INDUSTRIAL LUBRICANTS & GREASES
- 2) AUTOMOTIVE LUBRICANTS & GREASES
- 3) SPECIALITIES LUBRICANTS & GREASES

## CORE VALUES

**EMPLOYEES** - We plan to achieve this goal through our Strength & seek their continuous involvement in achieving the company's objective.

**CUSTOMERS** - Working with customers to build long-term partnerships for mutual benefit. We maintain a close relationship with our customers, work in partnership with them and prefer collaboration through personal contact.

**VENDORS** - Our vendors are the core part of family which will enable the growth productively.

**OBJECTIVE** - The behaviors of the management & team members will be guided & directed by these core values

- Commitment
- Loyalty
- Honesty
- Integrity



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## HYDRONOX AW (IS 10522 : 1983 REAFFIRMED 1998)

### DESCRIPTION:

LUBRINOX HYDRONOXAW series are high performance anti-wear hydraulic oils. These oils are formulated from highly refined base stocks and performance additives to provide excellent protection against wear, oxidation degradation, rust and corrosion. These hydraulic oils are developed for high pressure hydraulic systems in mobile and industrial services.

### APPLICATION:

- 1) Recommended for hydraulic systems in automobile & industrial service.
- 2) Recommended for circulating oil systems.
- 3) Recommended for hydraulic fluid power transmission systems.
- 4) Recommended for plain & roller bearing.
- 5) Recommended for general machine lubrication.

### BENEFITS:

- 1) Outstanding anti-wear properties provide longer pump & component life.
- 2) Very good thermo-oxidative stability.
- 3) Excellent protection against rust & corrosion.
- 4) Fast air release reduces the chance of cavitations in pump.
- 5) Superior demulsibility.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	32	46	68	100	150	220	320	460
Appearance	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	32	46	68	100	150	220	320	460
Viscosity index, min.	97	97	95	95	95	95	95	95
Flash, COC, °C, min.	206	210	212	220	230	234	238	240
Pour Point °C, max.	-9	-9	-9	-6	-6	-6	-6	-3

\*These specifications are subject to variations/development/customisation

#### DESCRIPTION:

LUBRINOX HYDRONOX HLP series lubricants are premium grade extra heavy duty hydraulic oils with exceptional thermal and oxidation stability. These lubricants are formulated to provide utmost satisfaction during operation when used in electro-hydraulic or numerically controlled hydraulic systems.

#### APPLICATION:

- 1) Recommended for use in sophisticated modern days electro-hydraulic or numerically systems.
- 2) These oils can be used in any hydraulic systems mobile or industrial to achieve greater satisfaction.

#### BENEFITS:

- 1) Excellent thermo-oxidative properties.
- 2) Compatible with almost all common sealing materials.
- 3) Provide longer life to pumps and total system.
- 4) Outstanding anti-wear properties.
- 5) Excellent demulsibility.

#### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

#### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

#### TYPICAL CHARACTERISTICS:

ISO VG GRADE	32	46	68
Appearance	Bright & Clear	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	32	46	68
Viscosity index, min.	105	104	103
Flash, COC, °C, min.	210	218	220
Pour Point °C, max.	-21	-21	-18
Copper strip corrosion @ 100°C, for 3 hrs	1a	1a	1a

\*These specifications are subject to variations/development/customisation

## HYDRONOX FR 46

### DESCRIPTION:

LUBRINOX HYDRONOX FR 46 is an advanced fire resistant hydraulic fluid based on water-glycol chemistry for the application in the areas where risk of fire is very high. It is enriched with very powerful additive to provide anti-wear, anticorrosion and anti-oxidants properties.

### APPLICATIONS:

- 1) Recommended to be used in hydraulic systems where fire risk is very high like metal and mining industries.
- 2) Maximum operating temperature is recommended to be 500C to protect heavy evaporation of water.
- 3) Maximum operating temperature should not exceed 650C.

### BENEFITS:

- 1) Significantly reduces fire risk.
- 2) Excellent anti-wear.
- 3) Very good protection against corrosion.
- 4) Proper lubrication to the components.
- 5) Extended fuel life.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin. Viscosity, @ 40°C, cst	44
Pour Point °C, COC	-30
Density @29.5°C, gm/cm <sup>3</sup>	1.05

\*These specifications are subject to variations/development/customisation

## HYDRONOX AF 32, 46 & 68

### DESCRIPTION:

LUBRINOX HYDRONOX AF 32, 46 & 68 viscosity grades are premium quality ash free hydraulic lubricants. These AF grade hydraulic oils are designed to meet the toughest requirements in the industries. These all ash free hydraulic oils are zinc free.

### APPLICATIONS:

These ash free hydraulic oils are mostly recommended to be used for hydraulic system using vane and piston pumps where elevated operating temperature is encountered.

### Performance Standard:

D/NS 1502 – HLP

ISO 6743/4 – HM & D/N 51524 Part 2

US Steel 126 & 127, Dimension HF-0

Cincinnati Lamb (Milacron) P68-69-70

### BENEFITS:

- 1) Excellent anti-wear.
- 2) Very good thermo-oxidative Stability.
- 3) Excellent demulsibility.
- 4) Excellent filterability.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	32	46	68
Kin. Viscosity, @ 40°C, cst	32	46	68
Viscosity index, min.	110	105	100
Flash, COC, °C, min.	210	215	218
FZA Fail Stage	11	12	12
Pour Point °C, max.	-21	-21	-18

\*These specifications are subject to variations/development/customisation

## LMS 40, 68 & 100

### DESCRIPTION:

LUBRINOX LMS SERIES are very good quality general purpose machine oil series. These are formulated from solvent refined base stock and additives like detergent and dispersant to provide proper lubrication to machine parts and keep them clean for a longer period.

### APPLICATIONS:

- 1) Recommended for use in any machinery for the lubrication purpose.

### BENEFITS:

- 1) Avoid friction between two parts and thus prevents wear.
- 2) Sufficient lubrication to machine components.
- 3) Keep machine clean.
- 4) Prevents rust and corrosion.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	40	68	100
Appearance	Bright & Clear	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	40	68	100
Viscosity index, min.	95	95	95
Flash, COC, °C, min.	190	210	214
Pour Point °C, max.	-6	-6	-6
Copper strip corrosion @ 100°C, for 3 hrs	1a	1a	1a

\*These specifications are subject to variations/development/customisation

## TURBONOX 46 & 68 (IS : 1012 : 1987)

### DESCRIPTION:

LUBRINOX TURBONOX SERIES are high quality turbine lubricants formulated from high quality, very high viscosity index base stock and performance proven selected additives to provide outstanding service life. These oils provide excellent corrosion prevention, demulsibility and anti-wear properties.

### APPLICATIONS:

1) These turbine lubricants are recommended for a wide variety of applications which includes central power station turbo-generators, gas turbines, hydraulic application, air line lubricators etc.

### BENEFITS:

- 1) Provides life more than 6000 hrs.
- 2) Very good protection against corrosion.
- 3) Very low deposits.
- 4) Excellent demulsibility.
- 5) Reduces maintenance cost.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	46	68
Kin. Viscosity, @ 40°C, cst	44	68
Viscosity index, min.	105	100
Flash Point °C, COC, min.	214	218
Pour Point °C, max.	-9	-9
Rust Test, D 665	Passes	Passes

\*These specifications are subject to variations/development/customisation

## LGO EP (IS 8406: 1993, API GL-4)

### DESCRIPTION:

LUBRINOX LGO EP series are premium quality EP gear oil formulated from solvent refined base stocks and performance proven sulphur phosphorous based EP additives to provide excellent EP properties, antifoaming, anti-corrosion and other important characteristics.

### APPLICATIONS:

Recommended for use in all types of industrial enclosed gear drives operating under high load conditions.

### BENEFITS:

Excellent extreme pressure properties.  
Very good thermo-oxidative stability.  
Superior anti foaming properties.  
Very good anti -wear characteristics.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants  
Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	100	150	220	320	460
Appearance	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	100	150	220	320	460
Viscosity index, min.	95	95	95	95	95
Flash, COC, °C, min.	210	220	224	230	240
Pour Point °C, max.	-6	-6	-6	-6	-6
Copper strip corrosion @ 100°C, for 3 hrs	1b	1b	1b	1b	1b
Foaming characteristics :					
Sequence I	NIL	NIL	NIL	NIL	NIL
Sequence II	NIL	NIL	NIL	NIL	NIL
Sequence III	NIL	NIL	NIL	NIL	NIL

\*These specifications are subject to variations/development/customisation

## NOX SPIN 12 & 22

### DESCRIPTION:

LUBRINOX NOX SPIN 12 & 22 are high quality spindle lubricants which bear very low pour, high viscosity index, good anti-wear and friction modifier characteristics to provide excellent performance in normal and high speed spindle in different industries.

### APPLICATIONS:

- 1) Recommended for normal to high speed spindles in machine tools and textile industries.

### BENEFITS:

- 1) Excellent thermo-oxidation stability.
- 2) Good chemical stability.
- 3) Prevents corrosion.
- 4) Reduces friction.
- 5) Reduces power consumption.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	12	22
Kin. Viscosity, @ 40°C, cst	11	21
Appearance	Clear Liquid	Clear Liquid
Viscosity index, min.	100	100
Flash, COC, °C, min.	160	180
Pour Point °C, max.	-12	-09

\*These specifications are subject to variations/development/customisation

## NOX FRIDGE 46 & 68 ( IS: 4587 : 1989 )

### DESCRIPTION:

LUBRINOX NOX FRIDGE SERIES are high quality lubricants specially developed for very low temperature applications. These lubricants provide low pour point, good chemical stability and ready solubility in liquefied refrigerants.

### APPLICATIONS:

- 1) These lubricants are recommended for conventional refrigerants in both reciprocating and rotary compressors.

### BENEFITS:

- 1) Reduces deposit formation.
- 2) Improves fluidity by preventing wax formation at low temperature.
- 3) Longer service life.
- 4) Reduces maintenance cost.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	46	68
Appearance	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	44	66
Flash, COC, °C, min.	164	174
Pour Point °C, max.	-30	-27

\*These specifications are subject to variations/development/customisation

## NOX WAY 68

### DESCRIPTION:

LUBRINOX NOX WAY 68 is an excellent quality lubricant designed to meet the requirements of modern high production machine tool slide ways. It is designed from highly refined base stock and selected performance additives to provide excellent anti-wear and EP properties, very low frictional properties, filterability, demulsibility and adhesiveness characteristics. It is specially developed to prevent the “stick-slip” problems in slow moving, heavily loaded machine tool slides.

### APPLICATIONS:

- 1) Recommended for slide ways of lathes, shapes, grinders.
- 2) Highly suitable for horizontal slides and ways on small to medium size tools.

### BENEFITS:

- 1) Reduces chatter & stick-slip.
- 2) Provide improved surface finish.
- 3) Excellent demulsibility.
- 4) Very good anti-wear.
- 5) Excellent thermo oxidative stability.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity, @ 40°C, cst	68
Flash, COC, °C, min.	210
Pour Point °C, max.	-12
Copper Corrosion @ 1000C for 3 Hrs	1b
Viscosity index , min.	97

\*These specifications are subject to variations/development/customisation

## NOX KNIT 22

### DESCRIPTION:

LUBRINOX NOX KNIT 22 is a premium lubricant especially designed for knitting application. Being scourable, it easily emulsifies in water and is washed out without leaving stain on fabrics. It is enriched with anti-wear and anti-oxidant additives to fulfil the requirements of knitting industries with respect to speed and temperature. It is fully compatible with sealing materials.

### APPLICATIONS:

- 1) It is recommended for use in all the application on hosiery, circular and flat knitting machines.

### BENEFITS:

- 1) Excellent washability.
- 2) Very good wear protection.
- 3) Very good corrosion protection.
- 4) Keeps machines clear.
- 5) Non-staining.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Colour, Visual	Light Yellow
Kin. Viscosity @ 40°C, cst	22
Flash Point°C, COC, min	170
Pour Point°C, max	-9

\*These specifications are subject to variations/development/customisation

## NOX PRINT 46 & 68

### DESCRIPTION:

LUBRINOX NOX PRINT 46 & 68 are premium lubricants especially developed for the printing industries. These oils not only bear anti wear properties but they are also fortified with good quality detergent and dispersant which keeps printing machine clean.

### APPLICATIONS:

- 1) These lubricants are recommended for printing machines where hydraulics system is involved.

### BENEFITS:

- 1) Excellent anti-wear.
- 2) Long service life.
- 3) Excellent detergency & dispersancy.
- 4) Reduces maintenance cost.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	46	68
Kin. Viscosity, @ 40°C, cst	44	66
Viscosity index, min.	95	95
Flash, COC, °C, min.	210	216
Pour Point °C, max.	-9	-6

\*These specifications are subject to variations/development/customisation

## POLY NOX 22 & 32

### DESCRIPTION:

LUBRINOX POLYNOX SERIES are highly quality lubricant designed for the polishing application of finished bright metals. It is chemically inherent and does not affect metal composition.

### APPLICATIONS:

- 1) These lubricants are recommended for the bright bars and other finished metals.

### BENEFITS:

- 1) Does not affect metal composition.
- 2) Provide shining appearance.
- 3) Protects against corrosion and rust.
- 4) Very good coverage area.
- 5) Easier to apply.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	22	32
Appearance	Bright & Clear	Bright & Clear
Colour, Visual	Colourless	Colourless
Kin. Viscosity, @ 40°C, cst	20	32
Flash, COC, °C, min.	150	210
Pour Point °C, max.	-12	-12
Copper strip corrosion @ 100°C, for 3 hrs	1a	1a

\*These specifications are subject to variations/development/customisation

## NOX VAC 100

### DESCRIPTION:

LUBRINOX NOX VAC 100 is a premium quality lubricant designed for vacuum pump. It is developed from highly refined base stocks bearing very high boiling point and low vapour pressure and selected additives to impart properties like anti-wear, anti-oxidation, anti-foaming, anti-corrosion etc. It is highly stable to chemical and oxidation degradation to resistsludge and deposit formation.

### APPLICATIONS:

- 1) Recommended for the lubrication of vacuum pumps at an absolute pressure from 50mm/psi of mercury to the highest vacuum achieved by the pump.

### BENEFITS:

- 1) Excellent air release property.
- 2) Very good demulsibility.
- 3) Very low vapour pressure.
- 4) Provides consistent vacuum.
- 5) Longer service life.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Kin. Viscosity @ 40°C	88
Viscosity Index, min.	97
Flash Point°C, COC, min	240
Pour Point°C, max	-9

\*These specifications are subject to variations/development/customisation

## PNEUMAT 32, 100 & 320

### DESCRIPTION:

LUBRINOX PNEUMAT is a series of premium quality pneumatic tool lubricants in 3 viscosity grades 32, 100, 320. These lubricants have been designed for the lubrication of all percussion type pneumatic tools. These lubricants are developed from highly refined base stock and performance proven additives to provide high oil film strength on the tools.

### APPLICATIONS:

- 1) Recommended for percussion type pneumatic tools subjected to the most arduous conditions.

### BENEFITS:

- 1) Excellent lubrication.
- 2) Very good anti-wear
- 3) Excellent corrosion protection.
- 4) Very good thermo-oxidative stability.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	32	100	320
Appearance	Bright & Clear	Bright & Clear	Bright & Clear
Kin. Viscosity, @ 40°C, cst	32	96	314
Viscosity index, min.	120	115	95
Flash, COC, °C, min.	180	190	210
Pour Point °C, max.	-30	-30	-18

\*These specifications are subject to variations/development/customisation

## NOX COM 100 & 150

### DESCRIPTION:

LUBRINOX NOX COM 100 & 150 are high quality compressor oils developed for reciprocating compressors. These are developed from highly stable base stocks and selected additives. These compressor lubricants provide excellent performance in compressor operating at high discharge temperature up to 210°C. These lubricants reduce carbon deposition on piston rings and exhaust valves and provide proper lubrication to the cylinders.

### APPLICATIONS:

- 1) Recommended for reciprocating sliding van and screw compressors.

### BENEFITS:

- 1) Excellent protection against wear
- 2) Reduces carbon deposition.
- 3) Highly stable against thermal cracking and oxidation.
- 4) Performs at high discharge temperature.
- 5) Reduces maintenance cost.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	100	150
Kin. Viscosity, @ 40°C, cst	96	144
Viscosity index, min.	95	95
Flash, COC, °C, min.	220	228
Pour Point °C, max.	-6	-6
Copper strip corrosion @ 100°C, for 3 hrs	1b	1b

\*These specifications are subject to variations/development/customisation

## NOX CONN 20

### DESCRIPTION:

LUBRINOX NOX CONN 20 is excellent quality anti-static conning oil designed for high speed texturing, nylon filament yarns. It is completely scourable and non-staining.

### APPLICATIONS:

- 1) Recommended for the highly speed texturing applications.

### BENEFITS:

- 1) Very good scourability.
- 2) Excellent anti-static properties.
- 3) Very good penetrating properties.
- 4) Non-corrosive.
- 5) Non-splashing.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin. Viscosity @ 40°C, cst	88
10% Ph	7.5 ± 0.5
5% Emulsion	Stable
Water Content (%)	<1%
Flash Point °C, COC, min	150

\*These specifications are subject to variations/development/customisation

## NEEDLE OIL 32

### DESCRIPTION:

LUBRINOX NEEDLE OIL 32 is an excellent quality needle lubricants developed for the application on circular bed knitting machines. It is designed from highly refined base stock and several selected additives to provide anti-wear, anti-oxidation, detergency and proper lubrication during the operation.

### APPLICATIONS:

- 1) Recommended for circular bed knitting machines. It is suitable for the machines for knitting application on hosiery, cotton, rayon, silk, etc.

### BENEFITS:

- 1) Provides better protection against wear.
- 2) Keeps machine clean.
- 3) Provides proper lubrication.
- 4) Improves machine's workability.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Colour, Visual	Colourless
Kin. Viscosity, @ 40°C, cst	32
Flash, COC, °C, min.	210
Pour Point °C, max.	-12
Viscosity Index, min	105

\*These specifications are subject to variations/development/customisation

## NOX DEO 100 & 150

### DESCRIPTION:

LUBRINOX NOX DEO 100 & 150 are excellent quality stationary diesel engine oil formulated to provide outstanding engine protection by reducing friction at higher engine temperature and ultimately extends engine life. It maintains firm lubricant film even in severe operation and thus protects engine components from wear and tear.

### APPLICATIONS:

- 1) Recommended in industries where heavier generators are installed.

### BENEFITS:

- 1) Provides smoother engine operation.
- 2) Keeps engine clean.
- 3) Protection from rust & corrosion.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	100	150
Appearance	Red	Red
Kin. Viscosity, @ 100°C, cst	13-14.5	14-15.5
Viscosity index, min.	110	110
Flash, COC, °C, min.	200	210
Pour Point °C, max.	-12	-12

\*These specifications are subject to variations/development/customisation

## LUBRI CUT 1000 (IS 115 :1986) (Reaffirmed March 2002)

### DESCRIPTION:

LUBRINOX LUBRI CUT 1000 is a premium quality emulsifying cutting which makes highly stable emulsion even with the hard water. It is excellent anti corrosion properly helps in the machining of metals by keeping the metals free from rust & corrosion. It produces a very good sump life due to the biocides incorporated into it.

### APPLICATIONS:

- 1) It is recommended for metal machining such as cutting, grinding, etc.
- 2) It is recommended to be used in 1:20 ratio with water up to 400 ppm hardness.
- 3) It is highly recommended for CNC Machines.

### BENEFITS:

- 1) Provides excellent tool life and superior finish in cutting operations
- 2) Faster heat dissipation
- 3) Superior emulsion stability
- 4) Wood sump life reduces operational cost
- 5) Eco-friendly

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Brown
Flash Point, °C, COC, min	154
Emulsion Stability of 5% in 400 PPM HW	PASSES
Corrosion Test (IP-125) (4% IN 400 PPM WATER)	0/0-0
Copper corrosion, D130	1a
Thermal Stability	Passed
Cast iron corrosion	Passed

\*These specifications are subject to variations/development/customisation

## NOX CUT 25

### DESCRIPTION:

LUBRINOX NOX CUT 25 is excellent neat cutting oil developed for the machining of ferrous metals (not for yellow metals). It contains active sulphur and fatty materials to provide better result under severe machining operations. Its low viscosity composition helps in swarf removal during the process.

### APPLICATIONS:

- 1) It is highly recommended to be used for the machining of ferrous metals for deep hole drilling and other severe operations.

### BENEFITS:

- 1) Improve tool life.
- 2) Better finish.
- 3) Sufficient cooling to the cutting tools.
- 4) Proper lubrication.
- 5) Reduced maintenance cost.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Kin. Viscosity @ 40°C	25
Flash Point °C, COC, min	170
Copper Corrosion @ 100°C for 3 Hrs	4a

\*These specifications are subject to variations/development/customisation

## NOX CUT AL 12

### DESCRIPTION:

LUBRINOX NOX CUT AL 12 is excellent neat cutting oil specially designed for the machining of aluminium metals. It is a blend of high quality base stock and EP additives which are non-staining.

### APPLICATIONS:

- 1) Recommended for the machining of aluminium for turning, drilling, milling, grinding, etc.

### BENEFITS:

- 1) Provides excellent finish.
- 2) Very low top up.
- 3) Provides dimensional accuracy.
- 4) Excellent tool life.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, cst	10
Flash Point°C, COC, min	140
Copper Corrosion @ 1000C for 3 Hrs	1a
Inorganic Acidity	NIL

\*These specifications are subject to variations/development/customisation

## NOX CUT NS 18

### DESCRIPTION:

LUBRINOX NOX CUT 18 is light coloured EP type neat cutting oil developed from highly refined mineral base stocks and stable chlorinated EP additives and fatty materials to provide smooth metal working operation on both ferrous and non-ferrous metals.

### APPLICATIONS:

- 1) Recommended for the machining of both ferrous and non-ferrous metals. It covers applications like lathe work, thread grinding, milling, turning etc.

### BENEFITS:

- 1) Very good anti-chip welding properties.
- 2) Provides visibility of cutting operations.
- 3) Extended tool life.
- 4) Highly lubricity.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, cst	18
Flash Point°C, COC, min	160
Copper Corrosion @ 1000C for 3 Hrs	1b
SAP Value, Mg Kott/Gm	8

\*These specifications are subject to variations/development/customisation

## NOX CUT NS 32

### DESCRIPTION:

LUBRINOX NOXCUT NS 32 is a general purpose neat cutting lubricants developed for the light to moderate duty cutting operations on ferrous metals and non-ferrous. It is composed of highly refined base stocks and non-staining type EP additives with fatty materials to impart lubricity.

### APPLICATIONS:

- 1) Recommended for light to moderate duty cutting and grinding operations on ferrous and non-ferrous metals.

### BENEFITS:

- 1) Excellent lubricity.
- 2) Improved tool life.
- 3) Good swarf removal.
- 4) Good heat dissipation.
- 5) Protection against rust & corrosion.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin Viscosity @ 40°C, cst	32
Flash Point°C, COC, min	170
SAP Value, mg kott/gm	7

\*These specifications are subject to variations/development/customisation

## NOX CUT 45

### DESCRIPTION:

LUBRINOX NOX CUT 45 is active type neat cutting oil developed to provide excellent finish to the tools under machining. It is non-staining cutting oil with very high EP property to provide easier machining of hard metals.

### APPLICATIONS:

- 1) It is recommended for the machining of high tensile stainless steel and nickel chromium alloys, drilling, thread cutting and gear hobbing operations.

### BENEFITS:

- 1) Provides very good cooling.
- 2) Improved machined surfaces.
- 3) Increases tool life due to its EP properties.
- 4) Improves proper lubrication.
- 5) Protects against rust & corrosion.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Colour	Dark Amber.
K.V. @ 400C	45
Flash Point0C, COC	170
Active Sulphur	No
Inactive Sulphur	Yes
Chlorine	Yes

\*These specifications are subject to variations/development/customisation

## NOX BROACH 20

### DESCRIPTION:

LUBRINOX NOX BROACH 20 is the severest amongst the various machining Operations. The cutting fluid used for broaching should have maximum anti-weld and extreme pressure properties in order to ensure high accuracy and finish to the job. NOX BROACH 20 is chlorinated, sulphurized neat cutting oil with pale/dark colour.

### APPLICATIONS:

- 1) Especially suitable for broaching and gear cutting steel, stainless steels and Nickel alloys.
- 2) It is recommended for non-ferrous metals.

### BENEFITS:

- 1) Long broach life
- 2) Excellent heat dissipation
- 3) Quick chips separation.
- 4) Low mist formation.
- 5) Provides optimization of product range
- 6) Economical in terms of cost per unit.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Kin. Viscosity, @ 40°C, cst	21
Flash Point°C, COC, min	189
SAP Value mg KOH/gm	9
Copper Corrosion @ 1000C for 3 hours	4C

\*These specifications are subject to variations/development/customisation

## LUBRI CUT SYN 2000

### DESCRIPTION:

LUBRINOX LUBRI CUT SYN 2000 is a high lubricity micro-emulsion semi-synthetic cutting fluid. It provides very good cooling and mechanical lubricity during the metal working operation of ferrous metals. It provides extended sump life due to its unique formulation. It is highly enriched with extreme pressure properties to provide longer tool life and easier cutting operations. It's clear to opaque, emulsion is highly stable and makes the visibility of operations to the operator. It is a low mineral oil containing fluid with excellent anti rust, lubricity, EP and sufficient biocides additives.

### APPLICATIONS:

- 1) Recommended for the machining of ferrous metals, cast irons in modern CNC machines for different types of operations like cutting, grinding, drilling, etc

### BENEFITS:

- 1) Very long sump life.
- 2) Excellent corrosion protection.
- 3) Eliminates hot chip and clinkering problems.
- 4) Longer tool life.
- 5) Keeps machine clean.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

pH of 5% in 50 PPM Water	9±0.2
Frothing Test	Passes
Emulsion Stability (5% in Tap water 500 PPM)	Highly Stable Emulsion.
Cast Iron Corrosion Test	0/0-0.
Cold Stability	Passes

\*These specifications are subject to variations/development/customisation

## LUBRI CUT NS 50

### DESCRIPTION:

LUBRINOX LUBRI CUT NS 50 is special purpose non-staining type semi-synthetic neat cutting oil having very high oiliness property due to the presence of fatty material. The oil has excellent foam release ability and its use prevents overheating of work piece, thus eliminating chances of metal distortion.

### APPLICATIONS:

- 1) Recommended for flute grinding of drills, reamers and various types of grinding tools which involve severe metal grinding processes.
- 2) Suitable for gear cutting, hobbing and high speed metal working operations.
- 3) It can be used on both ferrous and non-ferrous metals.

### BENEFITS:

- 1) Very long sump life.
- 2) Excellent corrosion protection.
- 3) Longer tool life.
- 4) Keeps machine clean

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin Viscosity @ 400C, cst	47
Flash Point0C, COC, min	202
SAP Value Report mg/KOH/gm	12

\*These specifications are subject to variations/development/customisation

## NOX HON 881

### DESCRIPTION:

LUBRINOX NOX HON 881 is premium quality neat cutting oil specially designed for the honing operations. It is formulated from highly refined low viscosity base stock and selected performance additives to impart proper lubricity and extreme pressure properties during the operation.

### APPLICATIONS:

- 1) Recommended for the honing of steel liners, ball bearing races and super finishing operation.

### BENEFITS:

- 1) Provide extended tool life.
- 2) Excellent surface finish.
- 3) Non-staining.
- 4) Very low top-up.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Red Light
K.V. @ 40°C, cst	05
Flash Point°C, COC, min	120
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## NOX DRAW 20

### DESCRIPTION:

LUBRINOX NOX DRAW 20 is an excellent quality lubricant developed from high quality base stocks and other selected additives to provide extreme pressure, lubricity, non-staining characteristics. It is highly stable against oxidation and hence extends lubricants life in service.

### APPLICATIONS:

- 1) Recommended for the drawing operating of M.S. only. It is not suitable for stainless steel, Aluminium etc.

### BENEFITS:

- 1) Longer service life.
- 2) Excellent finish.
- 3) Reduce deposit formation.
- 4) Excellent lubricity.
- 5) Very good extreme pressure properties.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear
Kin. Viscosity @ 40°C, cst	26
Flash Point°C, COC, min	180

\*These specifications are subject to variations/development/customisation

## NOX DRAW SS 100

### DESCRIPTION:

LUBRINOX NOX DRAW SS 100 is premium quality neat drawing oil specially developed for the drawing operations of stainless steel and its alloys. It is an active type of fluid which is highly fortified with sulphur and chlorine to impart high degree of extreme pressure and anti wear properties during the operation. It is highly enriched with lubricity agents.

### APPLICATIONS:

- 1) Recommended for the drawing operations of stainless steels and its alloys only.
- 2) It is not suitable for the non ferrous metals.

### BENEFITS:

- 1) Increase tool life
- 2) Prevents wear.
- 3) Excellent surface finish.
- 4) Longer service life.
- 5) Operator's friendly.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin Viscosity @ 40°C, cst	96
Flash Point°C, COC, min	200
SAP Value, mgKOH/gm	20
Copper Corrosion at 100°C. for 3 hrs	4c

\*These specifications are subject to variations/development/customisation

## NOX DRAW AL 46

### DESCRIPTION:

LUBRINOX NOX DRAW AL 46 is a low viscosity, non staining type of neat lubricant specially designed for the drawing of aluminium metals.

### APPLICATIONS:

- 1) It is basically recommended for the drawing operations on aluminium metal.

### BENEFITS:

- 1) Moderate E.P. and high anti-wear lubricant.
- 2) Increases tool life.
- 3) Excellent surface finish.
- 4) Longer service life.
- 5) Non-staining performance

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear Liquid
Kin. Viscosity @ 40°C, cst	46
Flash Point °C, COC, min	180
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## NOX FORM 81

### DESCRIPTION:

LUBRINOX NOX FORM 81 is a medium viscosity, chlorinated extremely heavy duty forming oil. It is designed from performance proven extreme pressure, lubricity additives and highly refined solvent neutral base oils.

### APPLICATIONS:

- 1) It is basically recommended for the deep drawing operations on tough metals to machine.
- 2) It is suitable for both ferrous and non ferrous metals including stainless steel and its alloys.

### BENEFITS:

- 1) Resists high temperature, pressure and wear . Thus increases tool life.
- 2) Excellent surface finish.
- 3) Suitable for multi metal machining.
- 4) Operator's friendly.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Fluid
Kin. Viscosity @ 40°C,cst	150
Flash Point°C, COC, min	200

\*These specifications are subject to variations/development/customisation

## NOX FORM 1000

### DESCRIPTION:

LUBRINOX NOX FORM 100 is a premium quality forming oil specially developed for the cold forming operations of stainless steel and its alloys. It is an active type of fluid which is highly fortified with sulphur and chlorine to impart high degree of extreme pressure and anti-wear properties during the operation. It is highly enriched with lubricity agents.

### APPLICATIONS:

- 1) It is recommended for the cold forming operations of nuts and bolts from stainless steel.
- 2) It is not suitable for the non ferrous metals.

### BENEFITS:

- 1) Increase tool life Prevents wear.
- 2) Excellent surface finish.
- 3) Longer service life.
- 4) Operator's friendly.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Kin Viscosity @ 40°C, cst	110
Flash Point°C, COC, min	200
SAP Value, mgKOH/gm	20
Copper Corrosion at 100°C. for 3 hrs	4c

\*These specifications are subject to variations/development/customisation

## NOX TAP 200

### DESCRIPTION:

LUBRINOX NOX TAP 200 is a premium quality tapping lubricants designed to provide excellent result on metal tapping applications. It is enriched with very high EP properties and lubricity to provide extended tool life. It is a non-corrosive lubricant hence can be used for cuprous metals also along with other difficult to machine metals such as stainless steel and other ferrous alloys.

### APPLICATIONS:

- 1) Recommended for the tapping operation on most metals including aluminium, titanium and steel.
- 2) It can be used on copper also.

### BENEFITS:

- 1) Multi-metal compatibility.
- 2) Excellent EP & anti-wear.
- 3) Extends tool life.
- 4) Proper lubrication.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear Liquid
Kin. Viscosity @ 40°C, cst	196
Flash Point °C, COC, min	210
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## SPARK EROSION OIL

### DESCRIPTION:

LUBRINOX SPARK EROSION OIL is a low viscosity, low aromatic hydrocarbon fluid designed to perform in electrical discharge machining process. It bears good di-electric strength and acts as an insulating medium during the operation.

### APPLICATIONS:

- 1) Recommended for electro discharge machining as a coolant and insulating medium.
- 2) It finds uses mainly in moulds and dies industries.

### BENEFITS:

- 1) Good di-electric strength.
- 2) Prevents corrosion.
- 3) Increases electrode life.
- 4) Low surface tension.
- 5) No fire hazard.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear Liquid
Kin. Viscosity @ 40°C, cst	3.5
Flash Point °C, COC, min	110
Break Down Voltage, kv	30

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 018

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 018 is an excellent dewatering fluid designed to provide short term protection to the steel tools and machine components where dewatering is required.

### APPLICATIONS:

- 1) It is recommended for the water wet machine parts or tools where short term protection is required.

### BENEFITS:

- 1) Excellent dewatering fluid.
- 2) Moderate salt spray.
- 3) Can be applied by dipping or spray.
- 4) Can be easily removed.
- 5) Low drying time.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Liquid
Flash Point°C, COC	40°C.
Salt Spray, hrs	18 Hours
Film Thickness, mm	2-3
Indoor Protection	30 days
Outdoor Protection	15 days

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 045

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 045 is a soft, thin, greasy, film deposited rust preventive fluid meant for medium term protection against rust and corrosion. It has very good dewatering characteristics.

### APPLICATIONS:

- 1) It is recommended for the machine parts or tools where medium term protection is required.

### BENEFITS:

- 1) Very good dewatering.
- 2) Easy to apply & remove.
- 3) Good salt spray.
- 4) Moderate acid fume resistance.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Fluid
Flash Point <sup>0</sup> C, COC, min	40 <sup>0</sup> C.
Salt Spray, hrs	45 Hours
Film Thickness, mm	3-4
Indoor Protection	90 days
Outdoor Protection	30 days

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 072

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 072 is excellent rust preventive which provides a long term protection against rust and corrosion. This leaves a soft, thin greasy film after the evaporation of solvent which provides protection to the metals. This has very good water displacing property hence it can be applied directly to the water wet metal surfaces. It can be applied by dipping or spraying.

### APPLICATIONS:

- 1) It can be used for protection during storage of tools and machine components awaiting dispatch.
- 2) It can be used on metals sheets after pickling process for the medium term protection.

### BENEFITS:

- 1) Easy to apply.
- 2) Can be easily degreased.
- 3) Provides long term protection.
- 4) Excellent dewatering fluid.
- 5) Very good acid fume resistance.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear Fluid
Flash Point <sup>0</sup> C, COC, min	40 <sup>0</sup> C.
Salt Spray, hrs	72 Hours
Indoor Protection	6 months
Outdoor Protection	3 months

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 080

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 080 is an excellent dewatering type solvent based powerful rust preventive fluid designed for mainly steel tube industries. It is a quick dry type fluid which leaves a very strong and firm thin film on the surfaces which provides longer term protection to the tubes even in severe storage conditions.

### APPLICATIONS:

- 1) Recommended mainly for tube industries where protection of inner surface is a big problem.

### BENEFITS:

- 1) Provides long term protection.
- 2) Highly effective even in acidic atmosphere.
- 3) Excellent dewatering.
- 4) Can be easily degreased by alkaline medium.
- 5) Very good coverage area

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Salt Spray, Hrs	80
Coverage Area, Sq. Metre/Litre	100
Flash Point <sup>0</sup> C, COC, min	42 <sup>0</sup> C.
Outdoor Protection	4 months
Indoor Protection	7 months

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 120

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 120 is an outstanding rust preventive fluid which has a remarkable acceptance in the industries for very long term protection against rust and corrosion. The soft greasy film left on the metal surface after the evaporation of solvent provides protection to the metals.

### APPLICATIONS:

- 1) It is recommended to be used on ferrous metals during storage or before dispatch where shipment may take 3 to 4 months to reach to the destination through sea route.
- 2) It is also recommended in steel tubes industries for long term protection.

### BENEFITS:

- 1) Excellent salt spray properties.
- 2) Very good acid fume resistance
- 3) Excellent dewatering
- 4) Easy to apply and remove.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear amber colour fluid.
Flash Point°C, COC, min	42°C.
Film Thickness, mm	5-6
Salt Spray, hrs	120 Hours
Outdoor Protection	6 months
Indoor Protection	12 months

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE DW 150

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE DW 150 is very powerful solvent deposited rust preventive which leaves a firm and highly stable protective film on the metal surfaces. It is a strong dewatering fluid and designed for very long term protection in severe conditions.

### APPLICATIONS:

- 1) It is recommended for the metals during intermediate storage or transportation where period of storage or transportation is not certain.
- 2) It can also be used as a lubricant for mild press working.

### BENEFITS:

- 1) Highly stable against acidic and alkaline contaminations.
- 2) Very good dewatering fluids.
- 3) Suppresses fingerprint corrosion on bright steels and fine finish metal components.
- 4) Low drying time.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Clear amber colour liquid
Flash Point <sup>0</sup> C, COC, min	40 <sup>0</sup> C.
Salt Spray, hrs	150 Hours
Film Thickness, mm	5-6
Outdoor Protection	12 months
Indoor Protection	18 months

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE RP LY 02

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE RP LY 02 is oil based rust preventive with very good corrosion inhabiting properties. It deposits a thin oily and protective film on metal surfaces.

### APPLICATIONS:

- 1) It can be used for storage and flushing of gear boxes and components.
- 2) It is also recommended for the protection of metal sheets after rolling.
- 3) It can be used as penetration and lubricating oil on nuts, bolts, etc.

### BENEFITS:

- 1) Compatible with normal lubricants.
- 2) Provide lubrication along with rust protection.
- 3) Non-flammable.
- 4) Provide immediate protection to metals.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Film Type	Oily.
Film Thickness, mm	5-6
Flash Point°C, COC, min	170°C
Kin. Viscosity@40°C, CST	20
Outdoor Protection	20 days
Indoor Protection	30 days

\*These specifications are subject to variations/development/customisation

## RUST PREVENTIVE RP LY 03

### DESCRIPTION:

LUBRINOX RUST PREVENTIVE RP LY 03 is an oily film rust preventive lubricant designed to provide short term protection to the metals. It is developed to impart dual purpose properties such as rust prevention and lubrication.

### APPLICATIONS:

- 1) Recommended for the short term rust prevention of metal components where lubrication is equally important with corrosion prevention.

### BENEFITS:

- 1) Oily film prevents corrosion.
- 2) Moderate coverage area.
- 3) Very good lubrication.
- 4) Compatibility with hydraulic lubricants.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, CST	70
Coverage Area, Sq. Metre/Litre	35
Flash Point°C, COC, min	180°C.
Outdoor Protection	30 days
Indoor Protection	60 days

\*These specifications are subject to variations/development/customisation

## NOX THERM 30

### DESCRIPTION:

LUBRINOX NOX THERM 30 is a premium quality heat transfer oil designed from highly refined paraffinic base stocks. It is highly stable against thermal oxidation and provides longer service life.

### APPLICATIONS:

- 1) Recommended for closed heating system up to the bulk oil temperature not exceeding 300°C.

### BENEFITS:

- 1) Fast heat transfer.
- 2) Longer service life.
- 3) Protection against rust & corrosion.
- 4) Easy pumpability at low temperature.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, CST	32
Viscosity Index, min	95
Flash Point°C, COC, min	214
Copper Corrosion @ 100°C for 3 Hrs	1a

\*These specifications are subject to variations/development/customisation

## NOX THERM 32

### DESCRIPTION:

LUBRINOX NOX THERM 32 is a higher grade of mineral oil based heat transfer fluid specially developed for the indirect (closed) heating system where the bulk oil temperature goes up to 320°C. It is highly stable against thermal cracking and oxidation. Its low volatility and low vapour pressure provides long service life with system.

### APPLICATIONS:

- 1) Recommended for the closed heat transfer systems up to maximum 320°C bulk oil temperature.

### BENEFITS:

- 1) Longer service life.
- 2) Rapid heat transfer.
- 3) Very good rust prevention.
- 4) High specific heat.
- 5) Highly stable to thermo-oxidative ageing.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, CST	32
Viscosity Index, min	95
Flash Point°C, COC, min	220
Copper Corrosion @ 100°C for 3 Hrs	1a

\*These specifications are subject to variations/development/customisation

## NOX QUENCH 22

### DESCRIPTION:

LUBRINOX NOX QUENCH 22 is a premium quality, low viscosity type heat treatment oil to facilitate faster quenching through proper and controlled cooling. It is formulated from highly stable base oil fortified with several other additives to provide desired hardening with uniform granular structures.

### APPLICATIONS:

- 1) It is used for the quenching of steel components and alloys like bearing balls, nuts & bolts, rollers etc. for faster quenching.

### BENEFITS:

- 1) Excellent heat transfer.
- 2) Uniform hardening.
- 3) Low carry over loss.
- 4) Minimum distortion.
- 5) Bright finish.
- 6) Longer service life.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear Liquid
Kin. Viscosity @ 40°C, cst	22
Viscosity Index, min	95
Flash Point °C, COC, min	210
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## NOX QUENCH 30

### DESCRIPTION:

LUBRINOX NOX QUENCH 30 is premium quality quenching oil developed from highly refined, thermal stable, high viscosity index base oils with very good oxidation stability and low volatility.

### APPLICATIONS:

- 1) Recommended for all normal quenching operations on a wide variety of steels.
- 2) This is normally used for the hardening of nuts, bolts and ball bearings.
- 3) It is always recommended to keep the oil bath temperature not more than 600C for the best results and longer oil life.

### BENEFITS:

- 1) Provides uniform hardness.
- 2) No metallurgical distortion.
- 3) Very good oxidation stability.
- 4) Longer service life.
- 5) Satisfactory quenching results.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Kin. Viscosity @ 40°C, cst	30
Viscosity Index, min	95
Flash Point °C, COC, min	219
Pour Point °C, max	-6
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## NOX QUENCH 68

### DESCRIPTION:

LUBRINOX NOX QUENCH 68 is a medium viscosity type straight heat treatment oil to facilitate medium to slow speed quenching through proper and controlled cooling. It is formulated from highly stable base oil fortified with high quality anti oxidants to provide longer coolant life.

### APPLICATIONS:

- 1) It is used for the quenching of steel components and alloys for uniform hardening where medium to slow speed quenching is required.

### BENEFITS:

- 1) Excellent heat transfer.
- 2) Uniform hardening.
- 3) Low carry over loss.
- 4) Minimum distortion.
- 5) Longer service life.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

Appearance	Bright & Clear Liquid
Kin. Viscosity @ 40°C, cst	70
Viscosity Index, min	95
Flash Point °C, COC, min	218
Copper Corrosion at 100°C for 3 Hrs	1b

\*These specifications are subject to variations/development/customisation

## NOX DRILL 100, 150

### DESCRIPTION:

LUBRINOX NOX DRILL 100 & 150 lubricants are formulated from high quality base oils and selected additives to provide better performance in air-powered equipment. These lubricants provide very good protection against wear.

### APPLICATIONS:

- 1) Recommended for measure manufacturer of Rock Drills, Jack Hammers, Quarry Drills, Spike Drivers, and Concrete Vibrators etc.

### BENEFITS:

- 1) Excellent lubricity and anti wear.
- 2) Anti rust and corrosion protection.
- 3) Very good low temperature fluidity.
- 4) EP additive guard against wear during wet operating conditions.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

27 Ltr, 50 Ltr, 210 Ltr

### TYPICAL CHARACTERISTICS:

ISO VG GRADE	100	150
Kin. Viscosity @ 40°C, cst	98	146
Viscosity Index, min	105	102
Flash Point °C, COC, min	220	230
Pour Point, °C, max	-9	-6

\*These specifications are subject to variations/development/customisation

## EP GREASES

### DESCRIPTION:

LUBRINOX EP 0, 1, 2, 3, 00, 000 greases are high performance lithium based general-purpose industrial greases formulated to provide extra protection against wear, rusting and water washout. These greases are recommended for most types of industrial applications including heavy-duty applications where high unit pressures or shock loads are present. These greases provide excellent protection against rust and corrosion and resist water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common.

### APPLICATIONS:

- 1) Recommended for use in automotive and industrial applications where calcium and sodium greases are not available.

### BENEFITS:

- 1) Prevent leak out of bearing due to good mechanical stability .
- 2) Protection of equipments from corrosion.
- 3) Superior oxidation stability.
- 4) Good pumpability due to proper adjustment of penetration.

### PRECAUTION:

Avoid prolonged and repeated contact with used oil. Used oil contains potentially harmful contaminants. Keep out of reach of children. Used oil must be disposed off carefully to prevent damage to environment.

### AVAILABLE PACK SIZE:

18 KG, 180 KG.

# IT NEVER ENDED

This is just a start to journey which requires new development everyday.

We at LUBRINOX pledge to keep ourselves updated in this journey by providing comprehensive end to end customized solutions.

Keeping in this mind we will be shortly launching the following product ranges.

## UPCOMING PRODUCTS

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SYNTHETIC INDUSTRIAL GEAR OIL

HI TEMPERATURE GREASES

MOLY GREASES

& MANY MORE.....