

**TECHNICAL DATA SHEET** 

# **DYNAMIC X4**

## **Product Description:**

**MOLLUBE DYNAMIC X4 is** a multi-grade engine oil formulated with premium mineral base oils and modern additives to provide outstanding protection in diesel engines against wear, corrosion and oxidation.

#### **Features:**

- Keep the engine clean by eliminating the sediments and preventing the residues.
- Protect the engine during start-stop driving, also when the engine is cold.
- Reduce the chemical effects of the acid residues in the combustion chamber by formation of film layer on the metallic surfaces.

## **Applications:**

**MOLLUBE DYNAMIC X4** is recommended for Naturally aspirated and turbocharged Diesel engines operate under severe and off highway conditions.

## Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

## **Specifications:**

- API CI-4/CH-4, CG-4,CF-4
- ACEA E7/E5/E3/B4/B3/A3
- MB 228.3.
- MAN 3275.
- MTU TYPE 2.
- VOLVO VDS-3.
- RENAULT RVI/RLD-2.
- MACK EO-M PLUS

#### Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

#### Packing Available in:

- 1 lit - 20 lit - 5 lit - 208 lit

# **Physical and Chemical Conditions:**

MOLLUBE DYNAMIC X4	Method	Unit	20w-50	15W-40
Density @ 15° C	ASTM D 4052	g/cm <sup>3</sup>	0.890	0.888
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	176.5	144
Kinematic Viscosity @ 100° C	ASTM D 445	cSt	19.7	15.2
Viscosity Index	ASTM D 2270	-	130	139
Total Base Number	ASTM D 2896	mg KOH/g	12	12
Flash Point, (COC)	ASTM D 92	°C	235	235
Pour Point	ASTM D 97	°C	-24	-27

\*Meets the requirements of the OEM manufacturer.

\*The stated values can fluctuate within the normal range.

# MOLLUBE

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