

## ENMAR MOLY EP 2

### PRODUCT DESCRIPTION

**ENMAR MOLY EP 2** is a smooth, highly water-resistant and work stable lithium soap grease containing additives to improve its oxidation resistance, corrosion protection and EP/anti-wear properties. ENMAR MOLY EP 2 is based on a special mineral oil and contains a package of solid lubricants including molybdenum disulphide to provide good emergency running properties.

### APPLICATIONS

- ◆ recommended for the lubrication of all types of plain and roller bearings subjected to heavy or shock loads or extended re-greasing intervals. Marine wire ropes.
- ◆ suitable for the lubrication of agricultural and construction machinery, trucks, as well as in bearings used in stone-, mining- and rubber industries, and in concrete plants.

### RECOMMENDATIONS

**ENMAR MOLY EP 2** is recommended for modern low speed crosshead two stroke diesel engines where the cylinder lubrication requires specialized high base number detergent properties to provide resistance to bore polishing and the formation of heavy carbon deposits on the piston crown and ring belt areas. Also, to minimize the build-up of carbon deposits in the combustion chamber and exhaust ports. Their high viscosity and lubricity maintain a strong oil film to reduce cylinder and ring wear and provide piston and ring lubrication under the harsh operating conditions.

### BENEFITS

**ENMAR MOLY EP 2** provides:

- ◆ Water resistant.
- ◆ Work stable.
- ◆ Aging resistant.
- ◆ High load carrying capability.
- ◆ Good corrosion protection.
- ◆ Good anti-wear properties.
- ◆ Contains MoS<sub>2</sub>.
- ◆ Reliable behavior under heavy and shock loads.
- ◆ Suitable for extended re-greasing intervals.
- ◆ Good emergency running properties.

### Technical Data \*

ENMAR MOLY EP 2	
NLGI-grade	2
Classification	KPF2N-30, SO-L-XCDBB-2
Colour	Black
Thickener	Lithium soap
Dropping point, °C	>180
Penetration worked(Pw60), 0.1mm	265-295
Corrosion protection properties (Emcor-test), Degree of corr.	0-0
Copper corrosion, Degree of corr.	1-100
Water resistance at 90°C, eval.-stage	1-90
Four-ball welding load, N	3000
Oxidation resistance 100 h/100 °C, hPa	<400
Base oil viscosity at 40°C, mm <sup>2</sup> /s	100
Temperature range, °C	-30 to +140

\* The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.

#### HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENMAR Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

Issued by "Imex Oil Trade"

Last Update on January 15, 2025