



# LONGTRUCK 15W-40

## PRODUCT DESCRIPTION

LONGTRUCK 15W/40 is a premium quality multigrade lubricant blended with selected mineral base oils and additives. It is "SHPDO" type product assuring very good performance on diesel engines operating in heavy duty applications.

This product gives following main benefits:

- high oxidation resistance and excellent engine cleanliness
- outstanding protection versus ring sticking
- good detergency/dispersancy properties for the best soot control
- enhanced wear control and very limited bore polishing to maximize engine life
- good detergency/dispersancy properties for the best soot control

## APPLICATIONS

LONGTRUCK 15W/40 meets the specifications reported here below.

It shows excellent performances on indirect-injected diesel engines, using a broad range of gasoil, and operating under the recommended maintenance procedures of manufacturers.

It is suitable for extended drain intervals as specified by the engine manufacturers.

It can be used in engines for earth moving equipment and in marine applications in agreement with Bulders' guidelines .

## SPECIFICATIONS

API CI-4/CG-4/CH-4/CF-4/CF SL

ACEA E3-E5-E7 / B3-B4 / A3

MB 228.3 - 229.1

VOLVO VDS-2 / VDS-3

MAN 3275 - MACK EO-L

RENAULT RDL

MTU type II

GLOBAL DHD-1

MIL-L-2104E

## TYPICAL CHARACTERISTICS (\*)

Product Designation	LONGTRUCK 15W /40
SAE Viscosity Grade	15W / 40
Density at 15°C, ASTM D 1298, Kg / dm <sup>3</sup>	0,880
Viscosity at 40°C, ASTM D 445, cSt	110
Viscosity at 100°C, ASTM D 445, cSt	14,0
Viscosity Index , ASTM D 2270	132
Pour Point, ASTM D 97, °C	-27
Flash Point , ASTM D 93 ,°C	220
TBN, ASTM D 2896, mg KOH / g	9,8
Sulphatd ash , ASTM D 874, % mass	1,32

(\*) The reported figures are typical of those obtained with normal production tolerance and therefore may be subjected to variation; they do not constitute a specification, exception made SAE VG.