

## PRODUCT DESCRIPTION

Xtreme LONG TRUCK 20W-50 is a premium quality multi-grade 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,
- Excellent protection versus ring sticking,
- Good detergency/dispersancy properties for the best soot control,
- Outstanding anti-wear properties and very limited bore polishing to maximize engine life.

## APPLICATIONS

Xtreme LONG TRUCK 20W-50 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 Builders' guidelines.

## PERFORMANCE LEVELS AND APPROVALS

SHPDO  
API CF/CF-4/CG-4/CH-4/CI-4/SL  
ACEA E7  
ACEA A3/B4  
MB 228.3  
VOLVO VDS 2 / VDS 3  
MAN M3275  
RENAULT RLD/RLD2 LEVEL  
MTU TYPE 2  
MACK EO-N/EO-M PLUS  
CUMMINS CES 20076/77/78  
CATERPILAR ECF-1a/ECF-2

## TYPICAL CHARACTERISTICS

| Xtreme LONG TRUCK 20W-50          | Testing procedure | Typical values |
|-----------------------------------|-------------------|----------------|
| SAE Viscosity Grade               |                   | 20W-50         |
| Density @ 15°C, Kg/m <sup>3</sup> | ASTM D 1298       | ≥850,0         |
| Kinematic viscosity @ 100°C, cSt  | ASTM D 445        | 16,3-21,9      |
| Viscosity Index                   | ASTM D 2270       | ≥135           |
| Pour Point, °C                    | ASTM D 97         | ≤-27           |
| Flash Point, °C                   | ASTM D 92         | ≥225           |
| TBN,mg KOH/g                      | ASTM D 2896       | ≥10            |

MSDS of all products are available on request