

ENDURO 600

High Performance Engine Oils

ENDURO 600 are high performance diesel engine oils that help extend engine life in the most severe on and off highway applications. They deliver exceptional performance in both modern, high-output engines including those with Exhaust Gas Recirculation (EGR), as well as older engines operating on either low or high sulfur fuels.

ENDURO 600 have been specially developed to meet the CAT ECF-2 specification. They are recommended for the lubrication of engines fitted in heavy duty trucks, dozers, excavators, ships and all other equipment where the utilisation of an API CI-4 oil is called for.

ENDURO 600 are made from high quality base oils with especially selected additives allowing to comply with the latest specifications of the main American and European engine manufacturers.

Benefits

- Reduced deposits and sludge formation for a cleaner engine
- Lower oil consumption and better protection against wear
- Excellent anti oxidation properties
- Longer engine life and better availability
- High alkalinity reserve with a fresh oil BN higher than 10

Applications

- Naturally aspirated and turbocharged engines
- Direct injection diesel engine using the common rail technology
- Classical indirect fuel injection
- High-output off-highway equipments in the quarry, mining, public works and transport industries

Specifications

ENDURO 600			
Meets or exceeds the following industry Specifications	15W-40	20W-50	
ACEA E7/E5/E3/B4/B3/A2	✓	✓	
API CI-4/CH-4/CG-4/CF-4/CF/SL	✓	✓	
MB-Approval 228.3 / MB-Approval 229.1	✓		
Cummins CES 20078/20077/20076	✓	✓	
Mack EO-N	✓	✓	
Volvo VDS-3	✓	✓	
MAN M3275-1	✓	✓	
RVI RLD	✓	✓	
MTU Type 2	✓	✓	
JASO DH-1 / GLOBAL DHD-1	✓	✓	
Caterpillar CAT ECF-1a / ECF-2	✓	✓	
Detroit Diesel DD 93K215	✓	✓	
SCANIA	✓		
DAF	✓		
ISUZU	✓		
Typical properties			
Test parameters	Method		
Viscosity @ 40 °C, cSt	ASTM D 445	108	148
Viscosity @ 100 °C, cSt	ASTM D 445	14.5	17.1
Viscosity Index	ASTM D 2270	135	126
Flash Point, °C	ASTM D 92	220	230
Pour Point, °C	ASTM D 97	<- 20	<-20
Density @ 15°C, Kg/m ³	ASTM D 1298	887	886
TBN, mg KOH/g	ASTM D 2896	11	11

Above characteristics are mean values given as information.
They do not constitute a specification.



Official MB-Approval 228.3 approval
<https://bevo.mercedes-benz.com/check.php?MBBEVOID=UPV54E>

Health and safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.