

This product is a high-performance semi-synthetic diesel engine oil that is developed according to one of the latest emission regulations. This product is suitable for heavily loaded diesel engines. The product can be used in modern diesel engines of trucks, buses, off-road equipment and other heavy-duty materials. This product is highly recommended for diesel engines that meet EURO I, EURO

II, EURO III, EURO IV and EURO V emission requirements. It can be used in vehicles with or without DPF filters and is also applicable in vehicles with SCR NOx reduction systems. It is an excellent product that performs well under extreme operating conditions and increases the lifetime of the equipment. This is a perfect product for the complete fleet.

GRADE	<b>METHOD</b>	UNIT	VALUE
Density @ 15 °C	ASTM D4052	kg/l	0,866
Kinematic viscosity @ 40 °C	ASTM D445	mm2/s	88,4
Kinematic viscosity @ 100 °C	ASTM D445	mm2/s	13,8
Viscosity Index	ASTM D2270		160
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	11,9
Pour point	ASTM D6892	°C	-39
Flash point	ASTM D92	°C	227
Sulphated ash content	ASTM D874	%	1,49
CCS viscosity @ -15 °C	ASTM D5293	mPa.s	
CCS viscosity @ -20 °C	ASTM D5293	mPa.s	
CCS viscosity @ -25 °C	ASTM D5293	mPa.s	5500
CCS viscosity @ -30 °C	ASTM D5293	mPa.s	

All data on this technical data sheet is indicative only.

## **Specifications**

- CATERPILLAR ECF-2
- CUMMINS CES 20076
- CUMMINS CES 20077
- **▷ CUMMINS CES 20078**
- DETROIT DIESEL 93K215
- DEUTZ DQC III-10

- → MB 228.3
- → MB 229.1