

This is a heavy duty truck engine oil that as very high TBN additives compared to other CI-4 engine oils. This results into extreme engine protection to trucks, off-road equipment and construction vehicles. This product is suitable for European as well as American gasoline and diesel engines and is ensures emission norms EURO II, EURO III,

EURO IV are met (not suitable for vehicles with DPF). This product is suitable for the whole fleet, offers a very good stability and keeps the engine very clean. It is particularly suited for use with lower quality fuels, with high sulphur content.

GRADE	<b>METHOD</b>	UNIT	VALUE
Density @ 15 °C	ASTM D4052	kg/l	0,873
Kinematic viscosity @ 40 °C	ASTM D445	mm2/s	100
Kinematic viscosity @ 100 °C	ASTM D445	mm2/s	14
Viscosity Index	ASTM D2270		142
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	15,3
Pour point	ASTM D6892	°C	-36
Flash point	ASTM D92	°C	220
Sulphated ash content	ASTM D874	%	2,24
CCS viscosity @ -15 °C	ASTM D5293	mPa.s	
CCS viscosity @ -20 °C	ASTM D5293	mPa.s	6600
CCS viscosity @ -25 °C	ASTM D5293	mPa.s	
CCS viscosity @ -30 °C	ASTM D5293	mPa.s	

All data on this technical data sheet is indicative only.

## **Specifications**

- → API CG-4
- ▷ API CH-4

- CUMMINS CES 20076
- CUMMINS CES 20077
- CUMMINS CES 20078
- DETROIT DIESEL 93K215
- DEUTZ DQC III-10

- → MB 228.3
- → MB 229.1
- MTU OIL CATEGORY 2