



DESCRIPTION

SYNECO K100 is a fully synthetic lubricant with medium ash content designed for Heavy Duty Euro IV, Euro V and Euro VI diesel engines. The ever stricter standards concerning emissions and particulate, along with the need to extend oil change intervals, make operating conditions of heavy duty engines ever more severe.

PROPERTIES

SYNECO K100 is designed for heavy duty use and long oil change intervals. The formulation uses an additivation balanced with synthetic bases that improve the viscosity index and allow for excellent behavior at low temperatures. This provides immediate lubrication during start-up, protecting against wear caused by starting friction. The state-of-the-art additivation package assures high thermal and oxidation resistance, and the detergent-dispersal additives keep the piston rings and the entire engine clean, providing anti-corrosion and anti-rust protection, while the anti-wear component reduces Bore Polishing.

All the most recently built vehicles are equipped with exhaust gas post treatment systems that are greatly jeopardized by the use of lubricants containing a high level of ashes.

The **SYNECO K100** formulation, with its low ash content, helps exhaust gas treatment systems to function properly.

APPLICATIONS

The product is ideal for heavy duty diesel engines that require the following specifications: ACEA E4,E7-08, API CI-4,MB 228.5, MAN 3277 and **MAN 3377**, VOLVO VDS 3, RENAULT RXD/RLD-2, MTU TYPE 3, DEUTZ DQC IV-10, Mack EO-M Plus, Cummins CES 20078, Global DHD-1, Detroit Diesel 93K215

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE	METHOD
Specific weight at 15°C	Kg/l	0,865-0,880	ASTM 4052
Viscosity at 100°C	cSt	12,5-16,3	ASTM D445
Viscosity at 40°C	cSt	90-120	ASTM D445
Viscosity index		135-155	ASTM D2270
TBN	mg KOH/g	12,6	

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