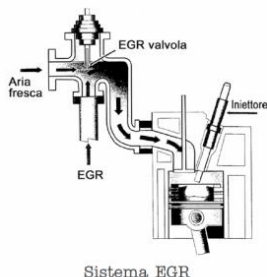


THE VALUES SHOWN REFER TO NORMAL INDUSTRIAL PRODUCTION. THEY ARE APPROXIMATE AND SUBJECT TO POSSIBLE VARIATIONS AND IMPROVEMENT AND DO NOT CONSTITUTE TECHNICAL SPECIFICATION.



DESCRIPTION

The coming into service of new vehicles equipped with Euro 5 and 6 engines calls for lubricants characterized by special features and completely improved formulations. MB 228.51 and ACEA E6 specifications, compared to MB 228.5, require a 50% reduction in sulphated ash content, a 45% reduction in Phosphorus, and a 65% reduction in Sulphur.

A further requirement is compatibility with new exhaust treatment systems. Particulate filters (DPF) in particular are especially sensitive to the accumulation of carbon residues and ash, and their obstruction causes counterpressure on the exhaust pipe and an increase of fuel consumption. The consequences following these phenomena are an increase in wear and shorter oil change intervals.

PROPERTIES

SYNECO M851 is formulated using high quality bases (API Groups III and IV) and additives that allow to meet the levels of Sulphur, Phosphorus, and sulphated ash required by MB 228.51 and ACEA E6 specifications.

The aim is to guarantee a high quality performance, together with a long service life, engine cleanliness, limited wear, and long lasting exhaust gas post-treatment systems.

APPLICATIONS

Euro 5 and 6 diesel engines where exhaust post-treatment systems are present: FAP, DPF and SCR (selective catalyst reduction using Ad Blue). Suitable, in particular, for Mercedes vehicles having an OM 602 type engine and later types (Sprinter, Vito, etc.).

SPECIFICATIONS

Meets ACEA E6-08 Issue 2 (2010), MB-Approval 228.51

Lev ACEA E7-08 Issue 2 (2010), ACEA E9-08 Issue 2 (2010), API CI-4, MAN M 3477, MAN M 3271-1, MTU Type 3.1, Volvo VDS-3, Volvo CNG, Renault Truck RXD, Renault Truck RGD, Mack EO-N, Mack EO-M Plus, CUMMINS CES 20076, CUMMINS CES 20077, CAT ECF-1-a, Deutz DQC IV-10 LA, Scania Low Ash

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE	METHOD
Density at 15°C	kg/dm ³	0.865	ASTM D 1298
Viscosity at 40°C	cSt	110-115	ASTM D 445
Viscosity at 100°C	cSt	12.5-16.3	ASTM D 445
Viscosity Index		140-160	
TBN	mgKOH	10	

January 14, 2014