



## PRODUCT INFORMATION

### **CADAOIL GOLD LOW SAPS 10W-40**

Synthetic UHPD motor oil, based on low SAPS technology

Cadaoil GOLD LOW SAPS 10W-40 is a synthetic motor oil for commercial vehicles based on the so called 'low SAPS' technology. This means that sulphur, phosphorus and sulphated ash concentrations are reduced radically, to protect the exhaust gas after treatment systems.

Especially Mercedes (228.51) and MAN (M3477) have set up special standards for the oil to meet Euro-4 and Euro-5 emission regulations, including reduced sulphur, phosphorus and sulphated ash concentrations. For this reason, ACEA launched the E6 specification at the end of 2004.

Cadaoil GOLD LOW SAPS 10W-40 has fuel economy properties and because of the special additive technology, both the oil and the engine are kept clean in an unprecedented way. In Euro-4, 5 and Euro-6 engines the harmful exhaust gas emission is reduced.

Cadaoil GOLD LOW SAPS 10W-40 is suitable for extended drain intervals, if allowed by the OEM and depending on working conditions and filtration methods, so it reduces maintenance cost.

Cadaoil GOLD LOW SAPS 10W-40 can also be applied in older trucks with Euro-3 engines, where ACEA E4, Mercedes 228.5 and MAN 3277 are prescribed, as well Renault RXD and DAF HP-2.

### **PERFORMANCE**

#### Approved

MB-Approval 228.51 MAN  
M 3477  
MAN M 3271-1

#### Performance Level

API CI-4	Deutz DQC III-10 LA
ACEA E6	MTU type 3.1
ACEA E7	Renault RGD
MB 226.9	DAF
Volvo VDS-3	Mack EO-N
Renault RLD-2	JASO DH-2
Renault RXD	CES 20077
CES 20076	

Colour	Brown	
Density at 20°C	0.8583 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	96.8 cSt	ASTM D 445
Viscosity, kinematic at 100°C	14.5 cSt	ASTM D 445
Viscosity Index	155	ASTM D 2270
Viscosity, dynamic (CCS)	6620 cP	ASTM D 2602
Base number	10.1 mg KOH/g	ASTM D 2896
Sulphated ash	0.99 wt%	ASTM D 874
Flash point	233 °C	ASTM D 93
Pour point	-42 °C	ASTM D 97

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