

Swd Rheinol FAVORIT LSAP Plus

SAE 5W-30

HIGH PERFORMANCE MOTOR OIL FOR EURO 5- and EURO 6- COMMERCIAL CAR ENGINES

Description & Application

Swd Rheinol FAVORIT LSAP Plus 5W-30 is a fully-synthetic high performance motor oil, which meets par excellence the highly exalted tribological requirements of the *EURO 5- and EURO 6 -* commercial car engine generation.

Swd Rheinol FAVORIT LSAP Plus 5W-30 falls below the limits for sulphated ash, sulphur- and phosphorus content (Low SAP's), regulated by law as from 2008 and thus provides one of the basis for the trouble-free operating of downstream exhaust gas treating devices (particle filter), which makes it possible to meet the EURO 5- and 6 -standard for diesel engines.

Swd Rheinol FAVORIT LSAP Plus 5W-30 assures top performance at the quality criterions wear protection and friction reduction, detergency & dispersancy, corrosion prevention, viscosity temperature dependency, thermal oxidative stability, low evaporation tendency, good elastomer compatibility and few enviromental impact.

Swd Rheinol FAVORIT LSAP Plus 5W-30 ensures the EURO 5- and -6 - turbo charged diesel engines extremely extended drain intervals, excellent motor cleanliness, very good cold starting and warmup performance even at lowest temperatures, outstanding aging resistance, reliable lubrication under all operation conditions and reduced pollution of noxious matter caused by the lubricant.

Specifications / Recommendations

ACEA E6- / E7- / E9-12	Cummins CES 20081
API CJ-4 / SN	CAT ECF-3
MB 228.51 / 228.31	Deutz DQC IV-10 LA
MTU Type 3.1	Detroit Diesel DDC 93K218
JASO DH 2	Voith Retarder Class B
Volvo VDS-4	DAF
Renault Truck RLD-3	Iveco
Mack EO-O Premium Plus-07 / EO-N Premium Plus / EO-M Plus	

Approvals

MAN M 3677 / M 3477 / M 3271-1

Typical Proporties

Swd Rheinol FAVORIT LSAP Plus SAE 5W-30	unit	value	method
Density at 15°C	kg/m³	855	DIN 51 757
Viscosity at 40°C	mm²/s	69,7	DIN 51 562
Viscosity at 100°C	mm²/s	11,4	DIN 51 562
Viscosity Index		165	DIN ISO 2909
CCS at -25°C	mPa.s	6090	DIN 51 377
Pourpoint	°C	-48	DIN ISO 3016
Flashpoint	°C	226	DIN ISO 2592
TBN	mg KOH/g	10	DIN ISO 3771
Sulphated ash	mass. %	1,0	DIN 51 575
Sulphur	mass. %	0,28	
Phosphorus	mass. %	0,07	

Article-No. : **31006**

Specification variations in these characteristics may occur.
 The instructions of manufacturer must be regarded.
 Further informations to be available by MSDS.

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