

AVEROIL 5W30 UHP

Pg. 1 of 2

DESCRIPTION:

Fully synthetic, latest generation Low SAPS lubricant oil, especially developed to meet the strictest lubrication requirements of modern heavy vehicle engines under a very severe service regimen. It has a low content of ash, phosphorus and sulphur, vital features to achieve optimum lubrication and excellent performance in Euro VI and previous engines equipped with SCR, EGR gas post-treatment systems and particularly in those incorporating particle-trapping elements (DPF).

PROPERTIES & ADVANTAGES:

- ✓ High viscosity index, allowing excellent cold start-ups, contributing to saving fuel and excess wear and tear engine protection.
- ✓ Fuel Economy (FE) type. Thanks to its low viscosity and its friction modifier additives allow a reduction in fuel consumption.
- ✓ High thermal stability and resistance to chemical degradation.
- ✓ Long Drain (LD) type, formulated to comply with the broad drainage and emptying intervals recommended by the most important manufacturers. Its long-life and compatibility with exhaust gas post-treatment systems allow a reduction in maintenance costs.
- ✓ Thanks to the technology of the additives incorporated into its formulation, very high level piston cleaning is achieved, avoiding filter clogging, the segment sticking and ensuring optimum engine cleaning between changes.

APPLICATIONS:

- ✓ Euro VI and previous version latest generation engines which operate under a very severe service regime with broad drainage intervals.
- ✓ Vehicle engines incorporating post-treatment systems: DPF diesel particle filter, engines with EGR exhaust gas recirculation systems and engines with selective reduction by means of an SCR catalyser.
- ✓ Vehicle engines that use CNG, LPG fuel and biodiesel.

SPECIFICATIONS / QUALITY LEVEL:

ACEA: E8/E11/E7 (anteriores E6/E9/E7)	Detroit Diesel DDC93K222	DTFR 15C120 (MB 228.52)
API CK-4	FORD WSS-M2C213-A	MTU Type 3.1
CAT ECF-3	IVECO 18-1804 TLS E9	RENAULT RLD-3
CUMMINS CES 20086	JASO DH-2	SCANIA LDF-4, LA
DAF Extended Drain	MACK EOS-4.5	VOLVO VDS-4.5
Deutz DQC IV-18 LA	MAN M3677 / 3775 / M3477 / M3271-1	
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HOMOLOGATIONS:

API SN License N° 0894

VOLVO STD 417-0003-22-1287 approval: VOLVO VDS-4.5 / MACK EOS-4.5 / RENAULT VI RLD-3

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Pg. 2 of 2

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE GRADE	SAE J300	5W30
Viscosity at 100°C (cSt), typical value	ASTM D-445	9.3 - 12.5
Viscosity at -30°C, cPs	ASTM D-5293	< 6600
Viscosity index	ASTM D-2270	> 150
Density at 15°C (kg/l)	ASTM D-1298	0.857
Pour point (°C)	ASTM D-97	-39
Flash point (°C)	ASTM D-92	> 215
TBN (mg KOH/g), Typical	ASTM D-2896	≥9
Bosch Injector shear loss: Viscosity at 100°C after shear (cSt), Minimum	CEC-L-14-93	9.3
Sulphated ashes (% of weight)	ASTM D-874	≤ 1.0

Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.

PACKAGING:

200L drum and 1000L IBC container.