

TIDAL POWER SPECIAL UHPD 5W-30

Synthetic MID-SAPS Heavy Duty Diesel Engine oil

TIDAL POWER SPECIAL UHPD 5W-30 is a fuel conserving super high performance MID SAPS oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm). This product is formulated for use in Euro-5 and Euro-6 engines equipped with Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

TIDAL POWER SPECIAL UHPD 5W-30 is formulated on high refined synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Fuel conserving.

TIDAL POWER SPECIAL UHPD 5W-30 meets the following performance criteria:

Approved: MB-Approval 228.51 MAN M3677 - 3775 Scania LDF-4 (Pending)
Volvo VDS-4.5 Mack EOS-4.5 Renault VI RLD-3

Meets: ACEA E4/E6/E7/E9 MB 228.52 / 228.31 API CK-4
Deutz DQC IV-18 LA MTU Type 3.1 / 2.1 MAN M3777
MAN M3691 Volvo VDS-4 Renault VI RLD-4
JASO DH-2 Cummins CES 20086 Cummins CES 20081
CAT ECF-3 DDC 93K222 DCC 93K218

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-30
Density @15°C	kg/m ³	ASTM 4052	855
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D7042	68
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D7042	11.8
Viscosity Index		ASTM D2270	170
Viscosity CCS @ -30°C	cP	ASTM D5293	6100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	13.2
Sulphated Ash	%Wt	ASTM D874	0.98
Date Issued: 14-3-2022		Supersedes: 12-11-2021	Revision Nr.: 06

