

## TIDAL POWER SPECIAL UHPD 5W-20

### Synthetic Heavy Duty Diesel Engine oil

**TIDAL POWER SPECIAL UHPD 5W-20** is an ultra high performance diesel engine oil engineered to provide outstanding protection and fuel economy potential in modern, high performance, low emissions engines used in severe on-highway applications.

**TIDAL POWER SPECIAL UHPD 5W-20** is specifically designed to meet the latest MAN M 3977 requirements for modern diesel engines equipped with Diesel Particulate Filters (DPF).

**TIDAL POWER SPECIAL UHPD 5W-20** is formulated with advanced synthetic technology base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and contribute to fuel economy improvement potential, in combination with an special additive package to reach the following properties.

- Excellent protection against bore polishing, wear and corrosion
- Excellent low temperature fluidity
- Efficient and extended durability of emission exhaust systems fitted with DPF
- Excellent Fuel conserving.

**TIDAL POWER SPECIAL UHPD 5W-20** meets the following performance criteria:

**Approved:** MAN M3977

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-20
Density @15 °C	kg/m <sup>3</sup>	ASTM 4052	854
Kinematic Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D7042	47.1
Kinematic Viscosity @ 100 °C	mm <sup>2</sup> /s	ASTM D7042	8.2
Viscosity Index		ASTM D2270	148
Viscosity CCS @ -30 °C max	cP	ASTM D5293	6600
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	13.0
Sulphated Ash	%Wt	ASTM D874	0.90
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