

## ENGINE OIL SYNTHETIC UHPD

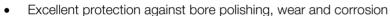
**5W-20** 

## **Product Description:**

**ENGINE OIL SYNTHETIC 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.

**ENGINE OIL SYNTHETIC UHPD 5W-20** is specifically designed to meet the latest MAN M3977 and Scania LDF-5 requirements for modern diesel engines equipped with Diesel Particulate Filters (DPF).

**ENGINE OIL SYNTHETIC 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 low temperature fluidity
- Efficient and extended durability of emission exhaust systems fitted with DPF
- Excellent Fuel conserving.

**ENGINE OIL SYNTHETIC UHPD 5W-20** exceeds the following performance criteria:

**Approved:** MAN M3977

**Exceeds:** Scania LDF-5

| Property                 | Unit    | Test Method | Typical Value |
|--------------------------|---------|-------------|---------------|
| SAE Grade                |         | SAE J300    | 5W-20         |
| Density@15°C             | kg/m³   | ASTM D4052  | 851.8         |
| Kin. Viscosity @40°C     | mm²/s   | ASTM D7042  | 44.5          |
| Kin. Viscosity @100°C    | mm²/s   | ASTM D7042  | 7.9           |
| Viscosity Index          |         | ASTM D2270  | 149           |
| Viscosity CCS @-30°C max | сР      | ASTM D5293  | 5140          |
| Flash Point COC          | °C      | ASTM D92    | >201          |
| Pour Point               | °C      | ASTM D7346  | -42           |
| Total Base Number        | mgKOH/g | ASTM D2896  | 13.1          |
| Sulpated Ash             | %Wt     | ASTM D874   | 0.90          |

**Product Nr:** 42801 **Date Issued:** 10-12-2024

Date Superseded: 29-11-2022 Revision nr: 02

