

DINARA OIL®

Vaš kod za ulja i maziva

TECHNICAL INFORMATIONS ABOUT THE PRODUCT SYNTHETIC OIL FOR COMMERCIAL VEHICLES (UHPD-Ultra High Performance Diesel)

DINOL SINT SPECIAL UHPD SAE 10W40

DINOL SINT SPECIAL UHPD SAE 10W40 is a high performance engine oil from Low SAPS group (low sulfate ash, phosphorus and sulfur content) and UHPD (Ultra High Performance Diesel Oil) based on 100% synthetic technology. It is designed for diesel engines of light and heavy commercial vehicles operating under harsh conditions during the whole year and using low sulfur fuel (max. 50 ppm). It is specially formulated for EURO 5 and EURO 6 engines with DPF filter. It can also be used with vehicles equipped with EGR/SCR.

Advantages:

- it has excellent thermal and oxidation stability;
- provides protection against wear, foaming and corrosion;
- excellent dispersing and detergent properties which contributes to the cleanliness and protection of the engine;
- extended replacement interval is up to 150 000 km.

QUALITY LEVEL: API CJ-4 ; ACEA E4/E6/ E7/E9; MB- 228.51; MB 228.31; MAN M 3477/3575/3271-1; VOLVO VDS-4, Renault VI RLD-2/3; Mack EO-O premium plus; Cummins CES 20081; Scania Lov-Ash; Cat ECF-3 MTU type 3.1/2.1; Deutz DQC-IV-10-LA; Voith Class B/MB235.28; Detroit 93K218

PHYSICAL - CHEMICAL CHARACTERISTICS

| Characteristics | Units | Typical values | Test methods |
|----------------------------------|--------------------|----------------|------------------|
| Density on 15 °C | g/cm ³ | 0.862 | SRPS EN ISO 3675 |
| Kinetic viscosity at 100 °C | mm ² /s | 14.3 | SRPS ISO 3104 |
| Kinetic viscosity at 40 °C | mm ² /s | 92.6 | SRPS ISO 3104 |
| Viscosity index | - | 160 | ASTM D 2270 |
| Point of ignition, COC | °C | >201 | SRPS ISO 2592 |
| Pour point | °C | -36 | SRPS ISO 3016 |
| Total base number (TBN) | mgKOH/g | 12.9 | ASTM D 2896 |
| Dynamic viscosity at -30 °C, max | cP | 7000 | ASTM D5293 |
| Sulphate ash | % Wt | 0,98 | ASTM D874 |

PURPOSE

DINOL SINT SPECIAL UHPD SAE 10W40 is used for the lubrication of more modern heavy duty commercial vehicle diesel engines with DPF (particulate filter) system, as well as EGR (exhaust gas recirculation) and SCR (selective catalytic reduction) system, and which meet the requirements of the EURO 6 standard as well as the requirements of the previous EURO 5 and EURO 4 standards, respectively, which prescribe the limits of harmful components in the exhaust emission.

STORAGE

DINOL SINT SPECIAL UHPD SAE 10W40 - should be stored in their original packaging protected from the direct influence of the atmosphere.

PACKAGING:

| 1 L | 5 L | 10 L | 20 L | 60 L | 200 L |
|-----|-----|------|------|------|-------|
| | | x 2 | x | | x |