



MOMENTA NANO UHPD SYNTHETIC / SEMI SYNTHETIC

PRODUCT DESCRIPTION:

Momenta Nano UHPD is a synthetic high-performance engine oil which is particularly suitable for use in all on-highway diesel heavy-duty application and is also compatible with most gas engines. The new advanced "mid SAPS" technology meeting Euro VI, helps towards long engine life and maintains the efficiency of after-treatment systems such as Diesel Particulate Filters (DPFs).

APPLICATION:

Heavy-duty diesel engines including Euro V/VI modern low emissions vehicles, utilizing technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR), heavy-duty diesel engines using low Sulphur diesel fuels and many biodiesel fuel formulations, Naturally Aspirated and Turbo-Charged Diesel Powered Equipment, On-Highway Short-Haul and Long-Haul Trucks and Buses, Off-Highway Mining, Construction and Agriculture Equipment.

FEATURES & BENEFITS:

- Performs well in low emission diesel engines
- Excellent soot handling capabilities
- Exemplary thermal stability and oxidation control
- Provides anti-wear and anti-scurf capabilities
- Contains extended TBN reserves
- Excellent cold startup
- Has stay-in-grade sheer stability
- Extended drain capabilities

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4
- Caterpillar ECF-3
- Volvo VDS-4
- Cummins CES 20081
- Mack EO-O PP
- ACEA E6/E9/E11
- Deutz DQC IV-10 LA
- Renault RLD3
- Scania Low Ash, LDF-4 (5W-30)
- JASO DH-2
- DTFR 15B1101/15C110/235.28
- MAN M3271/M3477/M3575
- MAN M3677/M3691 (5W-30)
- DDC 93K218
- MTU Type 2.1/3.1
- VOITH Class B

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | MOMENTA NANO UHPD | | | |
|-------------------------------------|-------|-------|-------------------|-------|--------|--------|
| Grade | | | 0W-40 | 5W-40 | 10W-30 | 10W-40 |
| Kinematic Viscosity @ 104°F / 40°C | D7042 | cSt | TBR | TBR | TBR | TBR |
| Kinematic Viscosity @ 212°F / 100°C | D7042 | cSt | 15 | 15 | 11.7 | 15.4 |
| Viscosity Index (min) | D2270 | - | 170 | 160 | 145 | 145 |
| Density@15°C/ 60°F | D4052 | g/cm3 | TBR | TBR | TBR | TBR |
| Flash Point (min) | D92 | °C | 220 | 220 | 220 | 220 |
| Pour Point (max) | D97 | °C | -39 | -39 | -36 | -36 |

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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