



MOMENTA NANO HT-PLUS

PRODUCT DESCRIPTION:

Momenta Nano HT-Plus is a versatile & comprehensive heavy-duty engine oil developed to meet wide range of heavy-duty applications and operating environments found in the trucking, mining, construction, quarrying, and agriculture industries. This product provides outstanding protection in the most demanding diesel engines of Caterpillar, Cummins, Detroit, Mack, Mercedes Benz, Renault, MAN, Navistar, Volvo, and others. Recommended for Euro V and VI Volvo engines and off-highway engines meeting EU Stage IV and EPA Tier IV, equipped with DPFs needing CJ-4/E9-12/VDS-4/Cat ECF-3 lubricants.

ENGINE APPLICATION:

- ACEA E9/11-22
- API CJ-4/CI-4+/CI-4, SN/CF
- Daimler DTFR 15B1101
- MAN M3575
- MTU Type 2.1
- Volvo VDS-4
- Mack EO-O Premium Plus
- Renault Trucks RLD3
- Cummins CES 20081
- Caterpillar ECF-2, ECF-3
- Deutz DQC III-10 LA
- DDC 93K218
- Global DHD1
- JASO DH-2

GEARBOX APPLICATION:

- API: GL-4
- ZF TE ML 07D
- Caterpillar TO-4M/TO-4
- Komatsu clutch (TO-40)
- Allison C-4

HYDRAULIC SYSTEM APPLICATION:

- ISO VG-68 HM
- JCMA HK 68
- KOMATSU HO-68
- Case MS 1230

FEATURES & BENEFITS:

- High thermal and oxidation stability
- Stay-in-grade shear stability
- Excellent low and high temperature properties
- Longer gasket and seal life
- High TBN reserves
- Reduced sludge build-up
- Component compatibility
- Longer drain intervals
- Start-up wear protection
- One oil for mixed fleet operations

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/CI-4+/CI-4
- ACEA E9/11-22
- DTFR 15B1101
- MAN M3575
- Volvo VDS-4
- Deutz DQC III-10 LA
- JASO DH2
- MACK EO-O Premium Plus
- Cummins CES 20081
- Global DHD1
- Renault RLD3
- MTU Type 2.1

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | MOMENTA NANO HT-PLUS |
|------------------------------------|-------|-------------------|----------------------|
| Grade | | | 15W-40 |
| Kinematic Viscosity @ 104°F /40°C | D7042 | cSt | TBR |
| Kinematic Viscosity @ 212°F /100°C | D7042 | cSt | 15.5 |
| Viscosity Index (min) | D2270 | - | 135 |
| Density@15°C/ 60°F | D4052 | g/cm ³ | TBR |
| Flash Point (min) | D92 | °C | 220 |
| Pour Point (max) | D97 | °C | -33 |

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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