

MOMENTA PLATINUM

Semi Synthetic

PRODUCT DESCRIPTION:

Momenta Platinum is a semi synthetic heavy duty engine oil recommended for naturally aspirated and turbo charged diesel and gasoline engines in which the API CK-4 or SN service category are recommended. It is specifically formulated for 2017 greenhouse gas compliant diesel engines to meet lower CO₂ emissions and improved fuel economy, in addition to EPA 2010 compliant low emissions diesel engines with SCR (Selective Catalytic Reduction), DPF (Diesel Particulate Filter), and EGR (Exhaust Gas Recirculation) systems. Momenta Platinum is fully compatible with previous API service categories such as API CJ-4, CI-4, and CI-4 Plus. It is engineered to provide a strong foundation for oxidation resistance, soot handling, and wear control supplemented with excellent piston deposit protection and reduced sludge formation to help provide long engine life.

APPLICATION:

Momenta Platinum is a mixed fleet motor oil recommended for four stroke diesel & petrol engines. It is formulated for engines operating under severe service & wide range of climate conditions. It is suitable for existing diesel engines due to its backwards compatibility down to API service category CJ-4.

FEATURES & BENEFITS:

- Exceptional Soot dispersancy and wear control
- Optimum DPF (Diesel Particulate Filter) life
- Low SAPS (Sulphated Ash, Phosphorus and Sulphur) technology
- Designed to control aeration exceptionally
- Excellent shear stability
- Improved oxidation stability

PERFORMANCE LEVELS:

Meets and Exceeds:

- API Service Category CK-4 / CJ-4 / CI-4 PLUS / SN
- ACEA E9
- Caterpillar ECF-2, ECF-3
- Cummins CES 20086
- Detroit Fluid Specification (DFS) 93K222
- Deutz DQC III-10 LA
- Renault RLD-4
- Mack EOS-4.5
- MAN M3575
- MB 228.31
- MTU Cat 2.1
- Volvo VDS-4.5

TYPICAL PROPERTIES:

| PARAMETERS | TEST METHOD | UNIT | MOMENTA PLATINUM | |
|------------------------------------|-------------|-------------------|------------------|------------|
| Grade | | | 10W-30 | 10W-40 |
| Kinematic Viscosity @ 104°F /40°C | ASTM D-7042 | cSt | 83.0 | 99.0 |
| Kinematic Viscosity @ 212°F /100°C | ASTM D-7042 | cSt | 12.0 | 14.5 |
| Viscosity Index (min) | ASTM D-2270 | - | 141 | 152 |
| SP. Gravity @15°C/ 60°F | ASTM D-4052 | g/cm ³ | 0.864 | 0.865 |
| Flash Point (min) | ASTM D-92 | °C | 230 | 228 |
| Pour Point (max) | ASTM D-97 | °C | -39 | -39 |
| TBN | ASTM D-2896 | Mg KOH/g | 10 | 10 |
| CCS, (°C) | ASTM D-5293 | m.Pa.S | 6500 (-25) | 6600 (-25) |
| Sulphated Ash | ASTM D-871 | mass % | 0.98 | 0.98 |

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