

G-Profi MSI Plus 15W-40

Heavy Duty Diesel Engine Oil



Turbocharged engine



Up to Euro 3



Exhaust Gas Recirculation



Selective catalyst reduction



High temperature deposits control



Engine cleanliness



Corrosion protection



High quality mineral base oils

G-Profi MSI Plus 15W-40 – is high performance engine oil engineered to adapt and protect under the full range of operation conditions found in heavy duty diesel engines. It designed with high quality base oils and selected additive package that provides excellent engine cleanliness and extended component life under severe loads. Suitable for engines equipped with exhaust aftertreatment systems (EGR, SCR) meeting Euro 3, Euro 2 emission standards. G-Profi MSI Plus 15W-40 specially formulated to meet the requirements of the Cummins CES 20078.

Applications



- Heavy-duty diesel engines from European, American and Japanese manufacturers
- On-highway heavy-duty trucks including mixed fleets with gasoline engines and cars
- Off-highway vehicles including: mining, construction, quarrying, and agriculture application
- Suitable for turbocharged engines meeting Euro 3, Euro 2 emission standards with exhaust aftertreatment systems (EGR, SCR). Not applicable for engines fitted with diesel particulate filters (DPF).

| Features | Advantages and Potential Benefits |
|---|---|
| Increased thermal and oxidation stability | Extended drain intervals and engine life |
| High detergent and dispersant properties | Lower high temperature deposits formation to reduce maintenance costs |
| Excellent TBN retention | Higher corrosion protection to extend overhaul intervals |
| Advanced soot handling | Protection against oil thickening to control filter pressure for long engine life |
| Highly stable viscosity modifiers | Resistance to breakdown even under high temperatures |
| Excellent corrosion protection | Cleaner engines for longer engine life |

Approvals:

- Cummins CES 20078
- MB-228.3
- MAN M 3275-1
- MTU Cat.2
- Mack EO-N
- Volvo VDS-3

- Renault Trucks RLD-2
- Deutz DQC III
- Detroit Diesel DDC 93K215
- KAMAZ
- YaMZ

Meets the requirements:

- API CI-4/SL (licensed)
- ACEA E7
- Detroit Diesel DDC 93K215
- Caterpillar ECF-1a/ECF-2
- JASO DH-1
- Komatsu

Typical Characteristics

| Properties | G-Profi MSI Plus 15W-40 | Method |
|---|-------------------------|-------------|
| SAE Viscosity Grade | 15W-40 | SAE J300 |
| Kinematic Viscosity @ 40°C, mm ² /s | 115,7 | ASTM D 445 |
| @ 100°C, mm ² /s | 15,06 | ASTM D 445 |
| Viscosity Index | 134 | ASTM D 2270 |
| Total Base Number, mg KOH/g | 11,3 | ASTM D 2896 |
| Sulphated Ash, wt% | 1,4 | ASTM D 874 |
| Flash Point (COC), °C | 232 | ASTM D 92 |
| Pour Point, °C | -32 | ASTM D 97 |
| Density @ 15°C, kg/m ³ | 887 | ASTM D 4052 |

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.