



FP GEMISCHTEÖL 20W-50 MINERAL

PRODUCT DESCRIPTION:

FP GEMISCHTEÖL 20W-50 is a multigrade lubricant suitable for the lubrication of engines of both heavy vehicles and cars working under severe operating conditions, with fuel saving characteristics and longer oil change intervals. It can also be applied in petrol engines and offers a good choice in the case of mixed fleets.

FEATURES & BENEFITS:

- The quality of the bases and the innovative additives used guarantee a steady performance throughout the service life indicated by the manufacturers.
- The dispersing-detergent properties and the neutralizing power against acidic combustion products guarantees exceptional piston cleaning and dispersion of solid combustion or degradation products, avoiding precipitation and subsequent formation of deposits.
- Its antioxidant, anti-rust and anti-wear characteristics are suitable for severe operation and provides a long change interval. Oxidation is effectively inhibited, ensuring the viscosity consistency in the life time of use. Metallic surfaces are effectively protected against wear and corrosion ensuring and maintaining maximum engine efficiency over time.
- It meets the requirements of ACEA A3/B3 issue 2004.

PERFORMANCE LEVELS: Meets or Exceeds:

ACEA E2, API CG-4/SL, MAN M 271, MB 228.1, 229.1

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | RESULT |
|-----------------------------------|------------|-------------------|---------------|
| Grade | | | 20W-50 |
| Kinematic Viscosity@ 104°F /40°C | ASTM D7042 | cSt | 161 |
| Kinematic Viscosity@ 212°F /100°C | ASTM D7042 | cSt | 18.3 |
| Viscosity Index | ASTM D2270 | - | 126 |
| SP. Gravity @15°C/60°F | ASTM D4052 | g/cm ³ | 0.892 |
| Flash Point | ASTM D92 | °C | 232 |
| Pour Point | ASTM D97 | °C | -27 |
| TBN | ASTM D2896 | mg KOH/g | 9.1 |
| CCS, (°C) | ASTM D5293 | m.Pa.S | <9500 (-15°C) |

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.