



TURBO 3000 MINERAL

PRODUCT DESCRIPTION:

Turbo 3000 is a mineral multi-grade diesel engine oil designed using high-quality base oils and additives which are recommended for the lubrication of diesel engines and naturally aspirated gasoline engines used in commercial and passenger vehicles operating under mild driving conditions.

APPLICATION:

Recommended for the lubrication of diesel / gasoline engines used in trucks and passenger cars operating under mild driving conditions. It can also be used in agriculture equipment, medium-duty trucking, off-road vehicles, construction and quarrying, and certain transmission and mobile hydraulic systems where use of monograde engine oils is recommended by the equipment manufacturer.

FEATURES & BENEFITS:

- Good protection against rust and corrosion
- Thermal and oxidation stability
- Controls sludge build up and deposits
- Long equipment life and reduced maintenance cost.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CC/SC
- MIL-L-2104B

TYPICAL PERFORMANCE:

| PARAMETERS | ASTM | UNIT | TURBO 3000 (MINERAL) | | | | |
|------------------------------------|--------|-------------------|------------------------|---------------|---------------|-------|--------|
| | | | 15W-40 | 20W-50 | 20W-60 | 40 | 50 |
| Grade | | | 15W-40 | 20W-50 | 20W-60 | 40 | 50 |
| Kinematic Viscosity @ 104°F /40°C | D-7042 | cSt | 116.4 | 181.65 | 201.05 | 151.4 | 214.15 |
| Kinematic Viscosity @ 212°F /100°C | D-7042 | cSt | 15.45 | 20.3 | 24.2 | 15.5 | 20.2 |
| Viscosity Index | D-2270 | - | 140 | 131 | 150 | 105 | 110 |
| SP. Gravity @15°C/ 60°F | D-4052 | g/cm ³ | 0.882 | 0.891 | 0.887 | 0.895 | 0.896 |
| Flash Point (min) | D-92 | °C | 236 | 236 | 230 | 242 | 246 |
| Pour Point (max) | D-97 | °C | -33 | -24 | -24 | -15 | -15 |
| TBN | D-2896 | Mg KOH/g | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| CCS, (°C) | D-5293 | m.Pa.S | <7000 (-20°C) | <9500 (-15°C) | <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.

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.

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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