

VT1331

MULTIFUNCTIONAL UNIVERSAL GEAR OIL PACKAGE



DATA SHEET

PRODUCT INTRODUCTION:

VT1331 Multifunctional Universal Gear Oil Package is formulated with high-quality extreme pressure anti-wear, anti-rust and other additives. With scientific combination and stringent inspection and evaluation, this product provides excellent extreme pressure anti-wear, thermal oxidation stability, anti-corrosion and anti-rust performances. The GL-5 vehicle gear oil formulated with the package passed friction tests. With a specific treat rate, blended with Group I-V base oils, it is able to formulate heavy duty automobile gear oil which meets API GL-5 and GL-4 specifications, as well as mid-duty and heavy-duty additive package for industrial closed gear oil.

RECOMMENDED TREAT RATE:

V4.2% for formulation of GL-5 heavy duty vehicle gear oil; 2.1% for GL-4 vehicle gear oil; 1.0% for formulation of mid-duty industrial closed gear oil; 1.5% heavy-duty industrial closed gear oil.

TECHNICAL SPECIFICATION:

| ITEM | INDEX | TYPICAL VALUE | TEST METHOD |
|-------------------------------------------------|--------------------------|--------------------------|-------------------|
| Appearance | Clear transparent liquid | Clear transparent liquid | Visual Inspection |
| Density (20°C), kg/m ³ | 975-1015 | 995 | ASTM D 4052 |
| Kinematic Viscosity (100°C), mm ² /s | Report | 2.2 | ASTM D 445 |
| Flash Point (PMCC), °C | Report | 81 | ASTM D 93 |
| P Content, m% | 1.20-1.80 | 1.5 | ASTM D 4951 |
| S Content, m% | 27.6-37.4 | 32.5 | ASTM D 1552 |

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PRODUCT STORAGE/HANDLING/TRANSPORTATION/PACKAGE:

- Packed in 200L iron drums or as required by customers, subject to the actual weight.
- The long-term storage temperature shall not exceed 45°C, and the loading/unloading or blending temperature shall not exceed 60°C.
- This product is not flammable, explosive and corrosive. In terms of safety, environmental protection and use, it is the same as general petroleum products with no special protection require