

SAE 50

Synthetic Gear Oil

## Description

Wakefield Gear Oil SAE 50 is premium synthetic gear oil providing excellent rust protection and shear stability

## Advantages

- Excellent Wear protection
- Excellent rust protection
- Resist thermal breakdown
- Low foaming characteristics
- Excellent shear stability

## Typical Characteristics

| Name                              | Method        | SAE 50 |
|-----------------------------------|---------------|--------|
| API performance category          | GL-5          | GL-5   |
| Density @ 15 °C, g/ml             | ASTM D4052    | 0.8930 |
| Kinematic viscosity @ 100 °C, cSt | ASTM D455     | 16.8   |
| Kinematic viscosity @ 40 °C, cSt  | ASTM D455     | 130.4  |
| Viscosity index                   | ASTM D2270    | 140    |
| Boron %wt                         | ASTM D6481    | 0.0019 |
| Phosphorus %wt                    | ASTM D6481    | 0.0744 |
| Sulphur %wt                       | ASTM D6481    | 2.493  |
| Copper corrosion @ 121 °C, 3 hrs  | ASTM D130     | 2a     |
| Brookfield viscosity @ -26 °C, cP | ASTM D2983    | N/A    |
| Brookfield viscosity @ -40 °C, cP | ASTM D2983    | N/A    |
| D97 Pour point, °C                | ASTM D6749    | -27    |
| Flash point, PMCC, °C             | ASTM D93      | 159.0  |
| Foaming characteristics           | ASTM D892     |        |
| Sequence I, ml/ml                 |               | 0/0    |
| Sequence II, ml/ml                |               | 0/0    |
| KRL, 20 hrs                       | CEC-L-45-A-99 |        |
| Initial viscosity @ 100 °C, cSt   |               | N/A    |
| Final viscosity @ 100 °C, cSt     |               | N/A    |

**Meets Following Product Performance Claims**

- API GL-5

**Health and Safety**

Based on available information, this product is not expected to produce adverse effect on health when used for the application referred to above and the recommendations provided in the Safety Data Sheet (SDS) are followed. SDS' are available upon request through your sales contact office. This product should not be used for purposes other than the applications referred to above. If disposing off used product, take care to protect the environment, return used oil to collection centre.