

**Product Overview:** GAUGE Diesel Engine Oil Mineral Series (SAE 40, SAE 50, and SAE 15W-40) is premium heavy-duty mineral diesel lubricant formulated to provide exceptional soot control, wear protection, and high-temperature deposit management for commercial vehicle fleets, agricultural machinery, and industrial diesel applications.

### TYPICAL PHYSICAL CHARACTERISTICS

| Property                | SAE 40        | SAE 50        | SAE 15W-40    |
|-------------------------|---------------|---------------|---------------|
| Viscosity Grade         | SAE 40        | SAE 50        | SAE 15W-40    |
| Technology              | Mineral       | Mineral       | Mineral       |
| Density @ 15°C          | 0.890 g/ml    | 0.894 g/ml    | 0.885 g/ml    |
| Viscosity @ 100°C       | 14.8 cSt      | 19.0 cSt      | 14.5 cSt      |
| Viscosity @ 40°C        | 145.0 cSt     | 210.0 cSt     | 110.0 cSt     |
| Viscosity Index         | 100           | 98            | 138           |
| Flash Point (COC)       | > 232°C       | > 240°C       | > 230°C       |
| Pour Point              | -21°C         | -18°C         | -30°C         |
| Total Base Number (TBN) | 10.0 mg KOH/g | 10.0 mg KOH/g | 10.5 mg KOH/g |

### PERFORMANCE LEVELS & SPECIFICATIONS

**SAE 40:** API CF/CF-2/SJ, MIL-L-2104E (High-performance monograde heavy-duty diesel oil designed for turbocharged and naturally aspirated commercial diesel engines).

**SAE 50:** API CF/CF-2, Caterpillar TO-2 (Heavy monograde lubricant offering robust protection under severe operating conditions and high ambient temperatures).

**SAE 15W-40:** API CI-4/SL, ACEA E7, MB 228.3, Volvo VDS-3, Cummins CES 20078 (Multi-grade heavy-duty diesel formulation providing superior soot dispersion and engine durability).

**Health, Safety & Environment:** Based on available toxicological information, this product is not expected to produce adverse effects on health when used for the intended application. Used oil should be disposed of properly and protected from environmental discharge. Visit us at [www.gaugeenergy.com](http://www.gaugeenergy.com).