

## THE LATEST IN HIGH-TECHNOLOGY LUBRICATION

– ALL PRODUCTS ARE CERTIFIED AND BONDED BY THE MANUFACTURER'S 5 MILLION DOLLAR LIABILITY INSURANCE. –

# SAE 20W-50



V231130

### Heavy Duty Protection

- Exceeds API CI-4 / SL performance standards
- Enhanced rust and corrosion protection

### High Viscosity

- Resistance to thinning at high heat
- For older vehicles or in warm climates

### Premium Quality

- Helps to reduce engine wear and corrosion
- Helps prevent varnish and sludge deposits

Heavy-duty engine oil is recommended for diesel, gasoline, or propane vehicles operating in severe conditions and where recommended by the manufacturer.

## MEETS OR EXCEEDS OEM PERFORMANCE STANDARDS

| SAE GRADE              | Heavy Duty | 20W-50      |
|------------------------|------------|-------------|
| API SERVICE            |            | CI-4/SL     |
| API Gravity            | ASTM D287  | 29.7        |
| Flash Point, COC °C/°F | ASTM D92   | 206 / 402.8 |
| Pour Point, °C/°F      | ASTM D97   | -30 / -22   |
| Viscosity @ 40°C, cSt  | ASTM D445  | 156.9       |
| Viscosity @ 100°C, cSt | ASTM D445  | 18.6        |
| Viscosity Index        | ASTM D2270 | 133         |
| CCS, mPa-sec °C max    | ASTM D5293 | 9500@-15    |
| Total Base No. TBN     | ASTM D2896 | 7.9         |

- ▶ API CK-4, CJ-4, CI-4 PLUS/SL
- ▶ API CI-4/SL, CH-4, CF-4, CF-2, CF
- ▶ ACEA E7
- ▶ ALLISON C-4
- ▶ CAT ECF-3, ECF-2, ECF 1
- ▶ CAT TO-2
- ▶ CHRYSLER MS 10902
- ▶ CUMMINS CES 20071/20078
- ▶ CUMMINS CES 20081/20086/20092
- ▶ FORD WSS-M2C171-F1
- ▶ MACK EOS-4.5
- ▶ MACK EO-M, EO-O PREMIUM PLUS
- ▶ RENAULT RLD-4, RLD-3, RLD-2
- ▶ VOLVO VDS-4.5, -4, -3, -2

### AVAILABLE IN

- ▶ 1-QUART
- ▶ 1-GALLON
- ▶ 5-QUART
- ▶ 6-GAL BAG-IN-BOX CARTON
- ▶ 5-GAL PAIL
- ▶ 55-GALLON DRUM AND BULK

**Typical Characteristics** Typical test data are average values only. Minor variations, which do not affect performance, may occur.

**HANDLING AND SAFETY INFORMATION** - Refer to OTOMAX (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.