

America's Choice



Typical Properties Heavy Duty Diesel Motor Oils

America's Choice DIESEL MOTOR OILS ARE RECOMMENDED FOR USE IN NATURALLY ASPIRATED, TURBO-CHARGED OR SUPER-CHARGED DIESEL, GASOLINE AND PROPANE ENGINES IN ON HIGHWAY, OFF-HIGHWAY, CONSTRUCTION, FARM, MARINE, PICK-UP AND DELIVERY AND PASSENGER CAR SERVICE. EXCEEDS API SERVICE CH-4, CG-4, CF-4, CF, CD-II, CD, SJ, SH. ALSO MACK EO-M PLUS AND CUMMINS CES 20076 APPROVED.

FEATURES

- Exceeds API Service CH-4/SJ (CG-4/SH for 10W-30)
- MACK EO-M approved (SAE 15W-40/10W-30).
- Excellent varnish, sludge and carbon deposit control.
- Low valve train, ring and liner wear.
- Protects against bearing and bushing corrosion.
- Excellent oxidation control to minimize oil thickening.
- Good high temperature stability.
- Controls oil thickening and provides good filterability with the newer high soot producing emission controlled engines.
- Resist viscosity loss due to shear.
- Low ash to minimize deposits

APPLICATIONS:

- Newer low emission engines specifying the latest API Service CH-4/SJ.
- Also recommended for older engines calling for API Service CF-4, CF, CE, CD-II, CD/SG.
- MACK engines specifying MACK EO-M and EO-L and EO-K2 oils (15W-40/10W-30).
- Power shift transmissions specifying ALLISON C-3/C-4 and CAT TO-2 fluids.
- Mobile equipment hydraulic systems specifying engine oils.
- Prime recommendation for mixed fleets.

TYPICAL PROPERTIES

| SAE GRADE | 10W-30 | 15W-40 | 10W | 20W | 30 | 40 | 50 |
|-----------------------|--------|--------|------|------|------|------|------|
| Sp. Gravity @ 15.6 °C | .878 | .882 | .876 | .879 | .886 | .897 | .896 |
| Viscosity | | | | | | | |
| cSt @ 40 °C | 75 | 116 | 43 | 71 | 107 | 142 | 207 |
| cSt @ 100 °C | 11.5 | 15.5 | 6.5 | 8.8 | 11.9 | 14.5 | 18.0 |
| Viscosity Index | 146 | 141 | 100 | 100 | 100 | 100 | 95 |
| CCS Viscosity | | | | | | | |
| cP @ -20 | 3300 | - | - | - | - | - | - |
| -15 | - | 3300 | - | - | - | - | - |
| -10 | - | - | - | 4000 | - | - | - |
| Flash Point, °C | 208 | 215 | 205 | 214 | 220 | 230 | 236 |
| Pour Point, °C | -33 | -33 | -39 | -30 | -18 | -12 | -9 |
| Color (ASTM) | 3.5 | 3.5 | 3.0 | 3.5 | 4.0 | 4.0 | 4.0 |
| TBN | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 |
| Sulfated Ash, wt % | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

Note: The values shown are representative of current production and may vary within modest ranges.

FORM 2202

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