

CAM2[®] MAGNUM[®]

PRODUCT BULLETIN

MAGNUM TURBO D 20W-50

API CI-4 Plus/SL

PRODUCT #963

CAM2 MAGNUM Turbo D 20W-50 Motor Oil is an API licensed, premium quality, synthetic blend heavy-duty engine oil. **CAM2 MAGNUM Turbo D 20W-50 Motor Oil** is formulated from premium quality base stocks and advanced additive technology, providing the highest levels of equipment protection available. **CAM2 MAGNUM Turbo D 20W-50 Motor Oil** meets the API specification

CI-4. It is approved for MACK EO-N, EO-M Plus, Cummins CES 20071, CES 20076, and CES 20078 specifications and is formulated to provide excellent performance in the new EGR (Exhaust Gas Recirculation) engines. **CAM2 MAGNUM Turbo D Motor Oils** meet the Caterpillar ECF-1 specification.

CAM2 MAGNUM Turbo D Motor Oils are available in 5 viscosity grades to comply with virtually all equipment applications. Equipment manufacturers' recommendations and conventional guides to lubricant selection should be followed to determine the best **CAM2 MAGNUM Turbo D Motor Oil** grade for a specific application.

FEATURES

CAM2 MAGNUM Turbo D Motor Oils provide:

- Excellent protection from deposits at all operating temperatures
- Excellent bearing corrosion protection (EGR critical)
- Excellent anti-wear properties
- Excellent anti-foam properties
- Excellent anti-rust properties
- Excellent soot control
- Extended drain capable

APPLICATIONS

CAM2 MAGNUM Turbo D Motor Oils may be recommended for the following uses (see applications chart on page 2):

- When CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF, CF-2, CE, CD-II oils are required
- When SL, SJ, SH, SG, SF, SE, SD or SC oils are required
- When a U.S. Military CID A-A-52306 performance level is required
- When MIL-Prf-2 1 04G oils performance level is required
- When former MIL-L-46 1 52D oils performance level is required
- When GM 471 8M/6094M and Ford M2C 1 53-E oils are required

Applications continued
on pg 2.



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APPLICATIONS (continued)

- In truck diesel engines, including turbo-charged models
- In Detroit Diesel 7SE 270, series 51, 71 and 92 engines
- Detroit Diesel Closed Crankcase Application TSB 01 -TS-07
- In Caterpillar ECF- 1, Navistar and Volvo engines
- In Mack engines (EO-N, EO-M Plus, EO-M, EO-L Plus, EO-L)
- In Cummins engines CES 20071, 20076, 20078
- In gasoline engines
- In Caterpillar drive trains (TO-2)
- When Allison C-3/C-4 fluids are required
- In Fuller, Eaton and Spicer transmissions (SAE 50 preferred)

| | |
|----------------|--|
| ALLISON | C4, C3 |
| CATERPILLAR | ECF-1, S-3, TO-2, 1K, 1N, 1R |
| CHRYSLER | MS63 95G |
| CUMMINS | CES 20071, CES 20076, CES 20077, CES 20078 |
| DETROIT DIESEL | 2 and 4 Cycle 6V92TA |
| FORD | M2C153G |
| GM | 6094 M, 6.2 Liter |
| JOHN DEERE | 4-Cycle Diesel & Gasoline Engines |
| KOMATSU | Diesel Engines |
| MACK | EO-N, EO-M PLUS, EO-M, EO-L PLUS, EO-L |
| NAVISTAR | Naturally aspirated, Turbo charged |
| MERCEDES | MTU |
| VOLVO | VDS-2, VDS |

TECHNICAL DATA

| | |
|-----------------------------|---|
| SAE GRADE | 20W-50 |
| Product Code | 963 |
| Borderline Pumping Temp, °C | -20 |
| Viscosity @ 100°C, cSt | 15.5 |
| Viscosity, SUS @ 210°F | 81.6 |
| Viscosity Index | 135 |
| API Gravity | 30 |
| Pour Point: °C | -30 |
| Pour Point: °F | -22 |
| Total Base No. | |
| D2896 | 11 |
| D4739 | 10 |
| API Licensed Service: | CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF-2, CE, SL, SL, SJ |

Contact your CAM2 representative or CAM2 distributor for additional information.

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