



PRODUCT BULLETIN

SuperHD 40

API CF-2/SL

PRODUCT #313

CAM2 SuperHD 40 Motor Oil is an API licensed, premium quality, heavy-duty engine oil. **CAM2 SuperHD 40 Motor Oil** is formulated from premium quality base stocks and advanced additive technology, providing the highest levels of equipment protection available. **CAM2 SuperHD Motor Oils** meet the Caterpillar ECF-1 specification.

CAM2 SuperHD 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 SuperHD Motor Oil** grade for a specific application.

FEATURES

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

- When 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 | 15W-40 | SAE 10W | SAE 30 | SAE 40 | SAE 50 |
|-----------------------------|--|------------|--------------------------------|----------------------------|--------------------------------|
| Product Code | 317 | 315 | 312 | 313 | 314 |
| Borderline Pumping Temp, °C | -20 | -25 | - | - | - |
| Viscosity @ 100°C, cSt | 15.5 | 7 | 11.5 | 15.5 | 20.5 |
| Viscosity, SUS @ 210°F | 81.6 | 49.7 | 66 | 82 | 103.4 |
| Viscosity Index | 135 | 120 | 110 | 105 | 100 |
| API Gravity | 30 | 30.5 | 30 | 28.5 | 27 |
| Pour Point: °C | -30 | -36 | -24 | -15 | -15 |
| Pour Point: °F | -22 | -33 | -11 | 5 | 5 |
| Total Base No. | | | | | |
| D2896 | 11 | 8 | 8 | 8 | 8 |
| D4739 | 10 | | | | |
| API Licensed Service: | CI-4, CH-4, CG-4, CF-4, CF-2, CE, SL, SL, SJ | CF, CD, SL | CF, CF-2, CD-II, SL, SJ, SH | CF, CF-2, CD-II, SL, SJ | CF, CF-2, CD-II, SL, SJ, SH |

Contact your CAM2 representative or CAM2 distributor for additional information.