

PETRO FACTS



ADVANCED
FORMULA

CO-OP[®] D-MO[®] GOLD HEAVY-DUTY DIESEL MOTOR OIL

DESCRIPTION

CO-OP D-MO GOLD has an advanced motor oil formulation providing performance exceeding new CJ-4/SM service classification required for 2007 and newer emission compliant engines equipped with diesel exhaust particulate filters (DPF Systems). CO-OP D-MO GOLD will provide the same superior performance as CO-OP D-MO in all diesel engines, new and old. Drain intervals do not need to be reduced when CO-OP D-MO GOLD is used in conjunction with ultra low sulphur diesel (ULSD).

FEATURES & BENEFITS

- **SOOT PROTECTION**
D-MO GOLD has superior control of soot for protection against abrasive wear. It reduces combustion chamber deposits and prevents soot build up.
- **OXIDATION RESISTANCE**
D-MO GOLD's advanced oxidation inhibitors reduce oil thickening and varnish build-up due to oxidation.
- **LOW TEMPERATURE PUMPABILITY**
D-MO GOLD provides excellent low temperature pumpability for cold temperature start ups.
- **WEAR PROTECTION**
D-MO GOLD's superior additives bond to metal surfaces, creating a protective film which adverts wear.
- **REDUCED OIL CONSUMPTION**
D-MO GOLD'S combination of shear stable components reduces oil consumption.
- **VISCOSITY RETENTION**
D-MO GOLD's high shear stability ensures multi-grade stay-in-grade under the most severe use.



CO-OP D-MO GOLD

is available in:

- 12 x 1 litre cases
- 4 x 5 litre cases
- 20 litre pails
- 205 litre drums
- Bulk



THE OIL OF THE FUTURE AT TODAY'S PRICES

RECYCLABLE
WHERE FACILITIES EXIST

Printed in Canada
with vegetable based inks



LUBRICANTS



TYPICAL PROPERTIES

SAE Grade	15W40	10W30
Kinematic Viscosity @ 40°C, cSt	117.2	80.5
Kinematic Viscosity @ 100°C, cSt	15.2	11.2
Viscosity Index	135	139
Pour Point (°C)	-34	-45
Ash	0.95	0.95
Zinc (PPM)	1200	1000
TBN	8.5	8.5
API Performance	CJ-4	CJ-4

QUALIFICATIONS

D-MO GOLD is recommended for use in all diesel engines. It meets the current API qualifications of CJ-4 as well as previous API diesel motor oil specifications such as CI-4 PLUS, CI-4 and CH-4. D-MO GOLD is approved for Cummins CES 20081, Detroit Diesel PGOS 93K218, Mack EO-O Premium Plus '07, Volvo VDS-4, Caterpillar ECF-3 and ECF-1, ACEA E7, MB 228.3 and MTU Type II. D-MO GOLD meets the latest gasoline API specification of SM.

APPLICATIONS

HEAVY-DUTY DIESEL ENGINES

- **High-output Diesels**
Allis Chalmers, J.I. Case, Caterpillar, Continental, Cummins, John Deere, Detroit Diesel, Ford, International Harvester/Navistar, Mack, Perkins, White.
- **Mid-range Diesels**
Deutz, Hino, Komatsu, Kubota, Mercedes, Renault, Scania, Volvo.
- **Light-duty Diesel Engines**
Passenger cars and trucks, domestic and imported.
- **Gasoline Engines**
Passenger cars and trucks, domestic and imported that require an "SM" approved oil.