

### FLEETMASTER LD

PETROMIN FLEETMASTER LD is premium top quality automotive engine oil meeting obsolete, current and future engine oil performance level, particularly European and American standards. It is an ideal mixed fleet engine oil meeting API CH4/SJ and ACEA E7/A3/B3/B4-16. The additive chemistry used in manufacturing Petromin Fleetmaster LD is performance proven in the field.

#### BENEFITS

- Diesel engine oil for American, European and Japanese vehicles. Suitable for direct and indirect fuel injection.
- Universal engine oil for old and new diesel engine fueled by both high and low sulphur diesel.
- Proven field-tested engine oil with extended drain period capability.
- Excellent TBN retention for low and high sulphur diesel fuel operation.
- Effective control over high temperature piston deposits and soot accumulation.
- Excellent dispersant capabilities which will minimize sludge and varnish deposits.

#### SPECIFICATIONS & APPROVALS

Petromin FLEETMASTER LD has the following Builder Approvals:

- API /CH-4 /SJ
- MB 228.3
- MAN /M 3275

Petromin FLEETMASTER LD meets or exceeds the requirements of:

- ACEA /E7 /A3 /B3/B4-16
- CAT /ECF-1
- MACK /EO-M
- VW /501.01/505.00
- CUMMINS /CES 20072 /71/76
- RENAULT TRUK /RD/RD2
- ALLISON /C4
- MTU-DDC /Type 2

#### APPLICATIONS

PETROMIN FLEETMASTER LD is mixed fleet engine oil for heavy-duty diesel engine oil. Its long drain capability meets the requirement of VOLVO, SCANIA, MAN, MERCEDES-BENZ, RVI/MACK, CATERPILLAR, RENAULT and CUMMINS manufacturers.

It is recommended for both on-highway and off-highway engines for low emissions and old engines of conventional design fueled by low and high sulfur diesel fuels. Suitable for direct and indirect injection and for Turbo charged and super charged stationary and mobile Diesel Engines.



**PRODUCT DATA SHEET****PRODUCT CHARACTERISTICS\***

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	<b>15W-40</b>	-
Specific Gravity @ 15 °C	-	0.889	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	110.40	ASTM D-445
Viscosity @ 100 °C	mm <sup>2</sup> /s	15.00	ASTM D-445
Viscosity Index	-	141	ASTM D-2270
Flash Point, COC	°C	224	ASTM D-92
Base Number	mg KOH/g	10.67	ASTM D-2896
Sulphated Ash	% wt.	1.48	ASTM D-874
MRV	cP	24040	-
CC S Viscosity @ -20 °C	cP	6080	ASTM D-5293
HTHS Viscosity @ 150 °C	cP	4.17	ASTM D-5481
Color	-	2.0	ASTM D-1500
Pour Point	°C	-27	ASTM D-97
Product Code	-	2960	-

\*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

