

DESCRIPTION

PETROMIN FLEETMASTER LD is a 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 E3 / B3 / A3-98. The additive chemistry used in manufacturing PETROMIN FLEETMASTER LD has proven its performance in the field.

APPLICATION

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 fuelled 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.

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 fuelled 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.

PERFORMANCE LEVEL

APICH4 / CG4 / CF4 / SL (Approved)
 ACEA..... E3, E2, A3/B3/B4*
 CAT..... ECF-1*
 MB 228.3/2, 229.1 (Approved)
 MAN..... M3275*
 VOLVO VDS-2 (Approved)
 MACK EO - M
 VW 501.01/505.00*
 CUMMINS CES 20072 / 71*
 ALLISON C-4*
 RENAULT TRUCK..... RD / RD2*
 MTU / DDC..... Type 2*

* Meets the approval requirements

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE Grade	-	15W-40	-
Specific Gravity @ 15 °C	-	0.8895	ASTM D-4052
Viscosity	@ 40 °C	mm ² /s	110.40
	@ 100 °C	mm ² /s	15.00
Viscosity Index	-	141	ASTM D-2270
Flash Point, COC	°C	224	ASTM D-92
Pour Point	°C	-27	ASTM D-97
Sulphated Ash	% wt.	1.48	ASTM D-874
Base Number	mg KOH/g	10.67	ASTM D-2896
MRV	cP	24040	-
CCS Viscosity @ -20 °C	cP	6425	ASTM D-5293
HTHS Viscosity @ 150 °C	cP	4.17	ASTM D-5481
Product Code	-	2960	-

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