



API Service Classification: CF

SAE: 40 TBN: 20

Performance Level:

ACEA04-E7/A3/B3/B4, ACEA02 E5/E3/B3/B4/A3 MB 228.3 MB 229.1, MAN M3275, VOLVO VDS-3, RVI RLD-2, DHD-1, Mack EO-M Plus, ZF TE-ML 07C/04C, CAT ECF 1 Cummins CES 20,072/1/6/7/8

Product Description:

A blend of superior quality high viscosity index paraffinic base stock with balanced additive package. It is recommended for crankcase and cylinder lubrication of trunk piston type naturally aspirated or turbo charged medium speed marine and stationary diesel engines, burning normal or heavy fuel with 2.0% Sulphur content or less, under severe operating conditions. It can be used in crankcase lubrication of heavy cross-head type engines having separate cylinder lubricator under moderate operating conditions.

It has excellent anti-wear property which reduces the ring and liner wear. Its superior detergent-dispersant package reduces deposit formation and keeps engine clean. It prevents scuffing and scoring of engine parts and has excellent anti-corrosion property.

Physical Characteristics	Test Method	Typical Values
SAE Grade		40
Specific Gravity @ 60/60 F	ASTM D-4052	0.905
Kinematic Viscosity	ASTM D-445	
@ 40 °C, cSt		160.12
@ 100 °C, cSt		15.54
Viscosity Index	ASTM D-2270	97
Flash Point, COC, C	ASTM D-92	242
Pour Point, C	ASTM D-97	-15
TBN mg KOH/g	ASTM D-2896	20.50
Sulphated Ash, %wt	ASTM D-874	2.71