



Gulf Superfleet LE Commercial Vehicle Engine Oil

Product Description

Gulf Superfleet LE is super high performance diesel engine oil for use in all modern low emission, turbocharged & naturally aspirated diesel engines. It is blended from selected base stocks and advanced additives to provide utmost engine protection and extended oil drain intervals. The product has been specifically developed to meet the requirements of engines conforming to Euro IV (SAE 15W-40), Euro III and Euro II emission norms and also meets the stringent requirements of other major global engine manufacturers.

Features & Benefits

- Excellent thermo-oxidative stability controls deposits & viscosity facilitating longer drain intervals
- Advanced detergency reduces deposits and enhances engine cleanliness
- Better soot handling capability leads to control of soot induced oil thickening and wear
- Exceptional anti wear properties protect critical engine components

Applications

- Turbocharged and naturally aspirated low emission diesel engines of all major manufacturers
- SAE 15W-40 is suitable for Euro IV engines with EGR (but without DPF)
- SAE 10W-30 meets API CH-4 engine test performance requirements as specified in Ford WSS-M2C921-A specification and recommended for use in LCVs – transit/ panel vans, mini buses and pick-up trucks – of major OEMs including Ford where such quality oils are recommended.
- On-highway light and heavy duty trucking including high speed-high load service and short haul pick-up/delivery van
- Heavy duty diesel engines in mining, construction, agriculture and other off-highway applications

Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-30	10W-40	15W-40	20W-50
API CH-4, CG-4, CF, SL, SJ				X	X
API CH-4, CG-4, CF-4, CF; MB 228.3; Renault VI RLD-2; Cummins CES 20071, 20072, 20078		X	X	X	X
ACEA E7; Global DHD-1				X	
Volvo VDS-2; Caterpillar ECF-1a		X		X	
MTU Oil Category 2			X	X	X
Mack EO-M Plus; Cummins CES 20076, 20077 ; MAN M 3275		X		X	X
Has the following Approvals					
API CH-4/SL					X
API CI-4, Cummins CES 20076, Volvo VDS-3, Mack EO-N, RVI RLD-2				X	
MAN M 3275-1			X	X	X
MB-Approval 228.3				X	
MTU Oil Category 2			X	X	
Typical Properties					
Test Parameters	ASTM Method	Typical Values			
Viscosity at 100 °C, cSt	D 445	11.1	14.50	14.03	19.30
Viscosity Index	D 2270	145	155	137	127
Flash Point, °C	D 92	212	230	230	250
Pour Point, °C	D 97	-36	-30	-33	-27
TBN, mg KOH/g	D 2896	12.1	10.20	10.1	10.20
Density @ 15°C, Kg/l	D 1298	0.857	0.886	0.898	0.874
Sulphated Ash, %wt	D 874	1.50	1.30	1.42	1.40

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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