



Gulf Super Duty CF-4

Mineral Engine Oil for Heavy Duty Diesel Engines

Product Description

Gulf Super Duty CF-4 series are mineral engine oil for heavy duty diesel engines for use in naturally aspirated and turbocharged diesel engines operating under moderate to severe conditions. These are formulated from highly refined base stocks and proven performance additives to provide overall engine protection under variety of operating conditions. It helps protect engine components against excessive wear to provide longer engine life. Gulf Super Duty CF-4 provides improved protection against deposits and is suitable for use in wide range of on and off-highway applications where such type of lubricant is recommended.

Features & Benefits

- Improved thermo-oxidative stability controls sludge build-up and deposits.
- Better detergency reduces deposits and keeps engines cleaner.
- Good dispersancy helps in controlling soot induced oil thickening and wear.
- Stay in grade shear stability helps reduce oil consumption and wear.
- Good corrosion inhibition properties provide protection against corrosion and wear.

Applications

- Turbocharged and naturally aspirated diesel engines of all leading engine manufacturers requiring API CF-4 quality oils.
- On-highway applications including light and heavy duty applications.
- Heavy-duty diesel engines used in mining, construction, agriculture and other off-highway applications.

Specifications, Approvals & Typical Properties

Meets the following Specifications		10W	15W-40	20W-50	25W-60	30	40	50
API CF-4		X	X	X	X	X	X	X
Typical Properties								
Test Parameters	ASTM Method	Typical Values						
Viscosity at 100 °C, cSt	D 445	5.6	14.35	18.5	24.2	11.4	14.0	18.2
Viscosity Index	D 2270	114	139	126	118	98	98	97
Flash Point, °C	D 92	205	226	238	244	238	236	248
Pour Point, °C	D 97	-33	-27	-24	-21	-15	-18	-18
TBN, mg KOH/g	D 2896	3.2	7.5*	7.6*	6.04	3.2	7.2	7.2
Density @ 15°C, Kg/l	D 1298	0.898	0.891	0.895	0.899	0.891	0.902	0.904
Sulphated Ash, %wt	D 874	0.44	1.02*	1.03*	0.77	0.44	0.97	0.97

* consult your local Gulf Distributor for details

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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