



LUBRICANTS



# Product Data Sheet

## Gulf Super Duty

### *HD Mono-Grade Engine Oil*

**Gulf Super Duty Mono-Grade Engine Oils** are premium diesel engine oils formulated with the latest additive chemistry that provides excellent protection in high output, heavy-duty diesel engines where a single viscosity grade engine oil is specified.

### Features and Benefits

- Very good wear protection of valve train components and bearings
- Oxidation resistance to protect against excessive viscosity increase
- Excellent protection against engine sludge and varnish formation

### Approvals

(Obsolete Service Categories)

- API CF/SL (SAE 10W, 20W-20)
- API CF, CF-2/SL (SAE 30, 40, 50)
- Allison C3/C4
- Caterpillar TO-2

### Applications

- Equipment operating in severe and off-road environments, mining, construction, agriculture
- Manual transmissions and hydraulic systems where Allison C3, C4 and/or CAT TO-2 is required
- Power-shift, manual, hydrostatic transmissions, final drives, and hydraulic systems where the equipment manufacturer designates the use of heavy-duty, detergent-type single viscosity grade engine oil



1-800-566-4853



East Greenbush, NY



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## Typical Properties

SAE Grade	Test Method	10W	20W-20	30	40	50
Product Code		331301	331302	331303	331304	331315
Density, lbs/gal (g/L)	Calculated	7.27	7.3	7.36	7.39	7.45
Viscosity, cSt @ 40°C	ASTM D-445	42.2	64.5	98.2	138.5	189.0
Viscosity, cSt @ 100°C	ASTM D-445	7.0	9.0	11.8	14.7	17.5
CCS, cP @ °C	ASTM D-5293	5,000 cP (-25°C) max	3,500 cP (-15°C) max	N/A	N/A	N/A
Viscosity Index	ASTM D-2270	125	114	110	106	100
Pour Point, °F	ASTM D-5949	-32	-18	-15	-10	+10
Flash Point, °F	ASTM D-92	420	435	450	450	480
TBN	ASTM D-974	8.5	8.5	8.5	8.5	8.5
Sulfated Ash, Mass %	ASTM D-874	1.0	1.0	<1.0	<1.0	<1.0

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