



Product Bulletin

GULF SUPER DUTY MONO-GRADE ENGINE OILS

Gulf Super Duty Mono-Grade Engine Oils are formulated with high quality base oils and with advanced additive technology that provides very good performance and protection in high output heavy-duty diesel engines where a single viscosity grade is specified. They are fortified with latest technology detergents, dispersants, antiwear, and anti-corrosion additives to provide protection against engine sludge, varnish formation, scuffing and wear, and high temperature oil thickening.

FEATURES AND BENEFITS:

- Very good wear protection of valve train components and bearings
- Oxidation resistance to protect against excessive viscosity increase
- 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 performance is required.
- Resists foaming

PERFORMANCE APPROVALS AND CAPABILITIES:

(Obsolete Service Categories)

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

Gulf Super Duty Mono-Grade Engine Oils are available in four viscosity grades that contain the same quality base oils and high performance additives used in most of today's multi-viscosity diesel engine oils. Specific viscosity grades are used in power-shift, manual, and hydrostatic transmissions, final drives, and hydraulic systems where the equipment manufacturer designates the use of heavy-duty, detergent-type engine oils. Always consult Owners' Manuals for specific viscosity grade and API Service Category recommendations.

08/17

NU-TIER BRANDS, INC.

UNDER LICENSE FROM GULF OIL LP • TULSA, OK 74133 • Phone 918-550-8026 • www.gulflubricants.net or www.Nu-Tierbrands.com

AVAILABILITY:

Gulf Super Duty Mono-Grade Engine Oils are available throughout Gulf's marketing area. Your Gulf representative or can provide specific information. Need additional information? Call **Gulf** @ 1-800-566-GULF (4853) or visit Nu-tierbrands.com.

Typical Properties

SAE Grade		10W	30	40	50
API Service-Obsolete Service Categories		CF/SL	CF, CF-2, SL	CF, CF-2, SL	CF, CF-2, SL
Product Code	Test Method	331301	331303	331304	331315
Gravity, API	ASTM D-4052	30.5	28.6	27.9	26.8
Density, lbs/gal (g/L)	Calculated	7.27	7.36	7.39	7.45
Viscosity, cSt @ 40°C	ASTM D-445	42.2	98.2	138.5	189.0
Viscosity, cSt @ 100°C	ASTM D-445	7.0	11.8	14.7	17.5
CCS, cP @ (n°C)	ASTM D-5293	5,000 (-25) max	N/A	N/A	N/A
Viscosity Index	ASTM D-2270	125	110	106	100
Pour Point, °F	ASTM D-5949	-32.8	-15	-10	+10
Flash Point, °F	ASTM D-92	420	450	450	480
TBN	ASTM D-974	8.5	8.5	8.5	8.5
Sulfated Ash, Mass %	ASTM D-874	1.0	1.0	1.0	1.0