



Product Bulletin

GULF SUPER DUTY PLUS ENGINE OIL

Gulf Super Duty Plus SAE 15W-40 Engine Oil is a premium-quality heavy-duty diesel engine oil formulated for use in today's modern high performance, low emissions diesel engines equipped with advanced emission control technologies including diesel particulate filters and Exhaust Gas Recirculation (EGR) for Ultra Low Sulfur Diesel and Low Sulfur Diesel. It meets the latest API CJ-4 diesel engine oil category and is back serviceable for use in most older on-road and off-road diesel engines*. Additionally, it is suitable for use with high sulfur fuel on-road and off-road applications.

FEATURES AND BENEFITS:

Gulf Super Duty Plus SAE 15W-40 Engine Oil is formulated for superior performance with soot thickening control, improved seal compatibility, and increased wear protection at low temperature start-up. It delivers exceptional performance by sustaining engine durability and improving oil life for extended drain intervals. Benefits include excellent piston cleanliness, protection from bearing corrosion, bore polish control, cylinder liner wear protection, and better oxidation stability at higher oil temperatures.

APPLICATIONS:

Gulf Super Duty Plus SAE 15W-40 Engine Oil is a top performing product for use in the latest over-the-road diesel engines. It is back serviceable for superior performance in previous model year on-road and off-road diesel engines requiring older API Service Category oils*. It is recommended for use in traditional applications such as construction, mining, agricultural, and stationary engines. This is truly a 'universal' product as it meets API's SM performance for gasoline engines and mixed fleets which can assist in consolidation of engine oils. It is Detroit Diesel (DDC PGOS 93K218) approved, meets Volvo VDS-4, Mack EO-O Premium Plus and Renault VI RDL-3 approval and conforms to Cummins CES 20081. It is fit for use in a host of diesel engine Original Equipment Manufacturers (OEMs) applications.

- API Commercial/Service Categories: CJ-4, CI-4 PLUS, CI-4, CH-4 / SM
- Caterpillar ECF-1-a, ECF-2, ECF-3
- Detroit Diesel (4 Stroke)
- Volvo VDS-2, VDS-3, VDS
- Mack EO-N Premium Plus 03, EO-M Plus
- Cummins CES 20078, 20076, 20077, 20072, 20071
- Ford WSS-M2C-171E
- MAN 271, 3275
- MB 228.31, 228.1
- MTU Type 2, MTU Type 1
- ACEA – E9 / E7 / E5 / E3 / A3 / B3

* Refer to owners' manual for proper viscosity and API service category



Master Distributor of Gulf Lubricants • 77 North Kendall Avenue • Bradford, Pennsylvania • 16701
Phone: 814.368.1200 • Fax 814.368.1219 • www.gulflubricants.net • ISO 9001:2008

AVAILABILITY:

Gulf Super Duty Plus SAE 15W-40 Engine Oil is available throughout Gulf's marketing area. Your Gulf representative or Gulf jobber can provide specific information. Need additional Information? Call Gulf @ 1-800-566-GULF (4853).

Gulf Super Duty Plus SAE 15W-40 Engine Oil- Typical Properties

SAE Grade		15W-40
Product Code	Test Method	331309
Viscosity, cSt @ 40°C	ASTM D-445	117
Viscosity, cSt @ 100°C	ASTM D-445	15.5
Viscosity, SUS @ 100°F	ASTM D-2161	600
Viscosity, SUS @ 210°F	ASTM D-2161	80.0
CCS @ (-20°C), cP	ASTM D-5293	6,700
MRV @ (-25°C)	ASTM D-4598	27,000
Viscosity Index	ASTM D-2270	140
Color	ASTM D-1500	3.5
Pour Point, °F (°C)	ASTM D-5949	-38.2 (-39)
Flash Point, COC, °F (°C)	ASTM D-92	430 (221)
TBN	ASTM D-974	8.2
Sulfated Ash, mass %	ASTM D-874	0.97
Gravity, API	ASTM D-4052	30.0
Density, lbs/gal (g/L)	Calculated	7.312 (876)
API Service		CJ-4, CI-4 PLUS / SM