



LUBRICANTS



Product Data Sheet

Gulf Super Duty Select SB

HIGH PERFORMANCE SYNTHETIC BLEND DIESEL ENGINE OILS

Gulf Super Duty Select SB Diesel Engine Oil is high performance heavy-duty engine oil engineered for use in today's modern turbocharged four-stroke cycle, low emission diesel engines. **Gulf Super Duty Select SB** is formulated with advanced *next generation*, fuel efficient additive chemistry that meets or exceeds the service requirements of virtually all diesel engine manufactures. They exceed and are certified for the latest **API CK-4** diesel engine oil category and are backward serviceable for use in older on-road and off-road diesel engines.

Features and Benefits

- Shear Stable Formulation – maintains critical film thickness over extensive use promoting extended drains
- Next-Generation Additive Technology – improved fuel economy, engine wear protection, excellent oxidation resistance and TBN retention supports long oil life
- Synthetic Base Oils- imparts exceptional performance, piston deposit control, turbocharger protection, improved low temperature flow and pumpability when compared to conventional engine oils
- Advanced Aeration Control - passes new Caterpillar Engine Oil Foam Testing-proven to reduce air bubbles for improved performance in severe duty off-road equipment and hydraulic valve-train actuation

Approvals

- API Service: API CK-4

Applications

- API Service Categories : CJ-4, CI-4 Plus, CI-4
- ACEA E9
- Caterpillar ECF-3, ECF-2
- Cummins CES 20086, 81
- Detroit Diesel (DFS) 93K222, 93K218
- Ford WSS-M2C171-F1
- Volvo VDS-4.5, VDS-4
- Mack EOS 4.5, EO-0
- Renault VI RLD-4/JASO DH-2
- International (Navistar) diesel engines
- Mercedes 228.31
- MTU MTL 5044 Type 2.1
- Paccar
- Diesel engines manufactured by OEMs not listed above, where the OEM specifies API CK-4 or CJ-4 engine oil



1-800-566-4853



Tulsa, OK 74133



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Typical Properties

SAE Grade	Test Method	10W-30	15W-40
Product Code		331342	331343
API Service		CK-4	CK-4
Specific Gravity @ 60°F		0.870	0.875
Density, lbs/gal @ 60°F		7.25	7.29
Viscosity, cSt @ 40°C	ASTM D-445	80.5	115.0
Viscosity, cSt @ 100°C	ASTM D-445	12.0	15.5
Viscosity Index	ASTM D-2270	143	142
CCS Viscosity, cP, at Temperature	ASTM D-5293	5,350 @ -25°C	4,200 @ -20°C
Color	ASTM D-1500	L3.0	L3.5
Pour Point, °F	ASTM D-5949	-38	-33
Flash Point, COC, °F (°C)	ASTM D-92	435 (224)	450 (232)
TBN	ASTM D-974	10.0	10.0
Sulfated Ash, mass %	ASTM D-874	1.0	1.0

Note: Values shown are typical values only and do not constitute a specification and may vary within modest ranges. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.

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