



Product Bulletin

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 technology 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.

PERFORMANCE FEATURES:

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

APPLICATIONS:

Gulf Super Duty Select SB Engine Oils are formulated for most modern on-highway low emission engines as well as older on-highway diesel engines. Gulf Super Duty Select SB is an excellent choice for construction equipment, agriculture, marine, earthmoving and mining applications. They are backward serviceable for superior performance in previous model year on-road and off-road diesel engines requiring older API Service Category oils. For applications not using Ultra-Low Sulfur Diesel (ULSD), consult the engine manufacture for recommended service interval.

Gulf Super Duty Select SB Engine Oil is recommended for applications calling for:

- **API Service Categories** API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4
- **ACEA** E9
- **Caterpillar** ECF-3, ECF-2
- **Cummins** CES 20086, 81
- **Detroit Diesel (DFS)** 93K222, 93K218
- **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
- **Diesel engines manufactured by OEMs not listed above, where the OEM specifies API CK-4 or CJ-4 engine oil**

AVAILABILITY:

Gulf Super Duty Select SB is 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.

NU-TIER BRANDS, INC.

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

Super Duty Select SB

Synthetic Blend Diesel Engine Oils



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.