



Product Bulletin

SUPER DUTY SELECT XSD *EXTREME DUTY, SYNTHETIC BLEND DIESEL ENGINE OIL*

Gulf Super Duty Select XSD Diesel Engine Oil has been uniquely formulated to provide advanced protection and performance in harsh operating conditions, regardless of the type of diesel engine (older or newer low-emissions). This premium quality synthetic blend heavy duty engine oil has been boosted with **EXTRA** performance additives that provide enhanced wear, corrosion, varnish and soot protection beyond typical CK-4 15W-40. The advanced formulation is designed for severe duty operations that would include heavy loads, steep inclines, stop and start and extended idle often found in mining, transportation, agriculture, construction and waste hauling operations.

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 XSD Engine Oil is formulated for most modern on-highway low emission engines as well as older on-highway diesel engines. **Gulf Super Duty Select XSD** is an excellent choice for construction equipment, agriculture, marine, earthmoving and mining applications. It is 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 XSD Engine Oil is recommended for applications calling for:

- **API Service Categories** API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4
- **ACEA** E6/E9
- **Caterpillar** ECF-3, ECF-2
- **Cummins** CES 20086
- **Detroit Diesel (DFS)** DDS93K222
- **Volvo** VDS-4.5, VDS-4
- **Mack** EOS 4.5, EO-0
- **Renault** VI RLD-4
- **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 XSD is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit Nu-Tierbrands.com.

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NU-TIER BRANDS, INC.

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Gulf Super Duty Select XSD

EXTREME DUTY, SYNTHETIC BLEND DIESEL ENGINE OIL



Typical Properties

SAE Grade	Test Method	15W-40
Product Code		331339
API Service		CK-4
Specific Gravity @ 60°F		0.875
Density, lbs/gal @ 60°F		7.29
Viscosity, cSt @ 40°C	ASTM D-445	115.0
Viscosity, cSt @ 100°C	ASTM D-445	15.5
Viscosity Index	ASTM D-2270	142
CCS Viscosity, cP, at Temperature	ASTM D-5293	4,200 @ -20°C
Color	ASTM D-1500	L3.5
Pour Point, °F	ASTM D-5949	-40
Flash Point, COC, °F (°C)	ASTM D-92	450 (232)
TBN	ASTM D-974	10.5

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.