



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

MARINE SAE 15W-40 CK-4 DIESEL ENGINE OIL



Lucas Oil Marine SAE 15W-40 CK-4 Engine Oil is a premium Heavy Duty Diesel Motor Oil formulated with state-of-the-art additive chemistry to deliver maximum performance for modern diesel engines outfitted with emission control systems. The exceptional oxidation resistance formulated into this product gives maximum oil drain potential while protecting engines against unplanned down time.

Lucas Oil Marine SAE 15W-40 CK-4 Engine Oil is fully backward compatible with previous API standards CJ-4 and CI-4 Plus but is specially formulated for modern engines using Ultra-Low Sulfur Diesel Fuel. Lucas Oil Marine SAE 15W-40 CK-4 Engine Oil provides excellent soot control and TBN retention as well improved shear stability, resulting in outstanding wear protection and retained lubricant film thickness over the life of the oil. This traditional heavy duty diesel engine oil also meets or exceeds the requirements of light duty specifications such as API SN and is especially well suited for a variety of marine engine applications including outboards and personal watercraft.

PART NUMBER AND SIZE:

10991 – 1 Gallon (4 x 1)

10807 – 55 Gallon Drum

FEATURES AND BENEFITS:

- Supreme oxidation resistance and TBN retention.
- Exclusive Lucas Oil formulation delivers maximum uptime.
- Supports modern diesel engines outfitted with emissions control technology.
- Outstanding Soot Control, shear stability, and wear protection.
- Excellent rust and corrosion protection for marine environments.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets or exceeds: API CK-4, CJ-4, CI-4 PLUS, CI-4, Cummins CES 20081, Caterpillar ECF-3, Detroit Diesel DFS 93K218, Volvo VDS-4, Mack EO-O Premium Plus, Renault RLD-4, RLD-3, Daimler MB 228.31, MAN M3575, MTU CATEGORY 2.1, FORD WSS-M2C171-F1.

MAIN APPLICATIONS:

Recommended for all engines specifying SAE 15W-40 heavy duty oil CK-4 and previous, including CJ-4, CI-4+, CI-4, SN, SM; and European and OEM specifications: ACEA 9, Mack, Volvo, Caterpillar, Cummins, Detroit Diesel, Daimler, MAN, Renault and Ford.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	32
Specific Gravity @ 60°F	D4052	0.8665
Density @ 60°F LBS/US Gal	D4052	7.215
Viscosity @ 40°C cSt	D445	93
Viscosity @ 100°C cSt	D445	15
Viscosity Index	D2270	171
Color		Amber
Flash Point, COC °F	D92	410
Pour Point °C	D97	-24

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)