



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

SYNTHETIC BLEND SAE 10W-30 FA-4 LONG DRAIN HD MOTOR OIL



Lucas Oil Synthetic Blend SAE 10W-30 FA-4 Motor Oil is a premium Heavy Duty 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. Newer model year engines are transitioning to the API FA-4 specification to deliver improved fuel economy performance and reduced emissions. These are essentially the same as CK-4 motor oils but with reduced viscosity. Our specialty blend of anti-wear additives delivers all the wear protection needed while taking advantage of improved energy efficiency that comes with lower oil viscosity. Polymeric viscosity index improvers help deliver higher film thickness at high temperatures to deliver even better protection.

Lucas Oil Synthetic Blend SAE 10W-30 FA-4 Motor Oil is not backwardly compatible with older engines designed to use previous heavy-duty API specifications (CK-4, CJ-4, CI-4 etc.). Please check your owner's manual to be sure FA-4 oil is the recommended performance level for your application.

Recommended for all engines specifying SAE 10W-30 heavy duty oil, FA-4 only. Meets all common domestic and foreign OEM specifications which specify FA-4 motor oil, including Mack, Volvo, Caterpillar, Cummins, Detroit Diesel, Daimler, MAN, Renault and Ford.

PART NUMBER AND SIZE:

10759 - 1 Gallon (Case of 4)
10761 - 5 Gallon Pail (1 Pail)
10762 - 55 Gallon Drum
10760 - 330 Gallon Tote (1 Tote)
18009 - 6 Gallon BIB

FEATURES AND BENEFITS:

- Maximum Fuel Efficiency Formulation.
- Outstanding oxidation resistance and TBN retention for longer oil drain intervals.
- Contains polymer viscosity improvers to boost film thickness.
- Exclusive Lucas Oil formulation delivers maximum uptime and reliability.
- Perfect for modern diesel engines outfitted with emissions control technologies.
- Excellent soot control, shear stability, and foam control.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

API FA-4, Cummins CES 20087, Daimler MB Approval 228.61, Detroit Diesel Fluid Specification 93K223. Recommended for use for: Ford WSS-M2C214-B1 and wherever OEM recommends SAE 10W30 API FA-4 engine oil.

MAIN APPLICATIONS:

Suitable for use in all models of Detroit Diesel, Caterpillar, Cummins, Navistar, PACCAR and Volvo/Mack that recommend SAE 10W-30 API FA-4 Engine oil. Suitable for use in any application where this SAE viscosity grade and API category is recommended, including Ford F150 with 3.0L Powerstroke turbodiesel engines specifying Ford WSS-M2C214-B1.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	32.2
Specific Gravity @ 60°F	D4052	0.864
Density @ 60°F, Lbs/US Gal	D4052	7.20
Viscosity @ 40°C cSt	D445	65
Viscosity @ 100°C cSt	D445	10.2
Viscosity Index	D2270	144
Color		Amber
Flash Point, PMCC, °F	D93	455
Cold Cranking Simulator @ -25°C, cP	D5293	4,050
HTHS Viscosity, cP	D4683	3.0
TBN	D2896	8.8

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)