



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## SYNTHETIC SAE 15W-40 CK-4 HEAVY DUTY ENGINE OIL

**Lucas Oil Synthetic SAE 15W-40 CK-4 Motor Oil** is a premium Heavy-Duty Motor formulated with state-of-the-art additive chemistry and synthetic base oils to deliver maximum performance for modern diesel engines. The exceptional oxidation resistance formulated into this product gives maximum oil drain potential while protecting engines against unplanned down time. **Lucas Oil Synthetic SAE 15W-40 CK-4 Motor Oil** is fully backward compatible with the previous API standards CJ-4 and CI-4 Plus but is specially formulated for modern engines using Ultra-Low Sulfur Diesel Fuel and engines equipped with emissions after-treatment systems. **Lucas Synthetic SAE 15W-40 CK-4** provides excellent soot control and TBN retention as well as improved shear stability. 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 higher mileage engines or for mixed fleets where older and newer vehicles can all use the same motor oil.

### PART NUMBER AND SIZE:

21247 – 1 Gallon

21248 – 5 Gallon

18065 – 6 Gallon BIB

### FEATURES AND BENEFITS:

- Full synthetic formula for maximum oil drain potential.
- 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.

### SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

**Meets or exceeds:** API CK-4, CJ-4, CI-4 PLUS, CI-4, Cummins CES 20086, Cummins CES 20081, Caterpillar ECF-3, Detroit Diesel DFS 93K222, Detroit Diesel DFS 93K218, Volvo VDS-4.5, Volvo VDS-4, Mack EOS-4.5, 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 standards, including CJ-4, CI-4 Plus, CI-4, SN and SM and OEM specifications, including Mack, Volvo, Caterpillar, Cummins, Detroit Diesel, Daimler, MAN, Renault, Paccar and Ford.



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	32.9
Specific Gravity @ 60°F	D4052	0.861
Density @ 60°F, Lbs/US Gal	D4052	7.17
Flash Point, PMCC °F	D93	>400
Viscosity @ 40°C cSt	D445	115
Viscosity @ 100°C cSt	D445	14.8
Color	D1500	5.5

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.ca](http://LucasOil.ca)