



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

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



Lucas Synthetic SAE 15W-40 CK-4 is a premium Heavy Duty Motor Oil blended exclusively with synthetic base oils (API Group III and V), combined with a cutting-edge additive package providing the robust performance required by modern diesel engines – and more. Much improved oxidation resistance means this oil lasts longer and protects engines better than previous heavy-duty motor oils. **Lucas Synthetic SAE 15W-40 CK-4** is fully backward compatible with the previous standards CJ-4 and CI-4. It is specially formulated for modern Ultra-Low Sulfur Diesel Fuel and engines equipped with Diesel Particulate Filters (DPF) and utilizing Diesel Exhaust Fluid (DEF) to control particulates and nitrous oxides. **Lucas Synthetic SAE 15W-40 CK-4** provides excellent soot control and TBN retention as well as shear stability. This traditional heavy-duty diesel engine oil viscosity grade is especially well suited for higher mileage engines or for mixed fleets where older and newer vehicles can all use the same motor oil.

This synthetic formula provides the confidence that you can drive the full recommended oil change interval, knowing that maximum engine protection is there to the last mile.

PART NUMBER AND SIZE:

- 11246 – 1 Quart
- 11247 – 1 Gallon
- 11248 – 5 Gallon
- 11249 – 55 Gallon
- 11250 – 330 Gallon

FEATURES AND BENEFITS:

- Full Synthetic Formula
- Improved Oxidation Resistance
- Supports DPF and DEF Technologies
- Formulated for ULS Diesel Fuel
- Excellent Soot Control

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets or Exceeds: CK-4, CJ-4, CI-4+, CI-4, CH-4, CG-4, SN and SM

MAIN APPLICATIONS:

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



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D-1298	32.9
Specific Gravity @ 60°F	D-1298	0.861
Density @ 60°F, Lbs/US Gal	D-1298	7.17
Flash Point, PMCC °F	D-93	>400
Viscosity @ 40°C cSt	D-445	121
Viscosity @ 100°C cSt	D-445	14.8
Viscosity Index	D-2270	125
Color	D-1500	5.5
Visual Description		Clear amber fluid

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

HEALTH, SAFETY AND ENVIRONMENT:

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application.

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com

LINKS AND ADDITIONAL INFORMATION:

SDS: n/a

Product Image: [Click Here](#)

Product Label: [Click Here](#)

Product Flyer: n/a

MPD: [Click Here](#)