

## TECHNICAL DATA SHEET



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

PRODUCT # 10281, 10282

### TEST

### ASTM

### TYPICAL

API Gravity	D-1298	32.1
Specific Gravity @ 60°F	D-1298	0.861
Density @ 60°F, Lbs./US Gal	D-1298	7.18
Flash Point, PMCC, °F	D-93	455
Viscosity @ 40°C, cSt	D-445	80.0
Viscosity @ 100°C, cSt	D-445	12.1
Viscosity Index	D-2270	146
Cold Cranking Simulator @ -25°C, cP	D-5293	5,284
TBN	D-2896	10.0
Color	Visual	Amber

Lucas SAE 10W-30 Synthetic Blend CK-4 is a premium Heavy Duty Motor Oil blended with high quality API Group II and Group III base oils and a cutting-edge additive package providing the robust performance required by modern diesel engines while assuring good fuel economy. Much improved oxidation resistance means this oil lasts longer and protects engines better than previous heavy duty motor oils.

Lucas SAE 10W-30 Synthetic Blend CK-4 is fully backward compatible with previous standards CJ-4 and CI-4; 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 SAE 10W-30 Synthetic Blend CK-4 provides excellent soot control and TBN retention as well as shear stability. The 10W-30 viscosity grade is recommended by most OEMs on recent model years. Lower in viscosity than traditional 15W-40 to improve fuel economy, yet still providing strong film strength and good boundary lubrication to protect vital engine components. May be used safely as a fuel saving alternative to CJ-4 SAE 15W-40.

Recommended for all engines specifying SAE 10W-30 heavy duty oil, CK-4 and previous, including: CJ-4, CI-4+, CI-4, CH-4, CG-4 and European and OEM specifications: ACEA 9, Mack, Volvo, Caterpillar, Cummins, Detroit Diesel, Daimler, MAN, Renault and Ford.