



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET



SYNTHETIC SAE 5W-50

Lucas Synthetic SAE 5W-50 is race proven, but also suitable for on-road use. It has excellent low-temperature fluidity but is more viscous at high temperatures than most passenger car motor oils, providing the consistent viscosity needed for precision ET racing. It also stands up to heat and fuel dilution for the longevity required by circle track and off-road racers. Lucas Synthetic SAE 5W-50 is formulated with only the finest synthetic base oils plus premium additives including detergents, dispersants, anti-wear agents, including ZDDP (“zinc”) and viscosity modifiers (VM). Formulated with an API SP additive package, it is not API licensed because the additional ZDDP results in phosphorus levels that exceed API limits. The additional ZDDP is not extreme, but it is enough to provide extra wear protection as well as greater inhibition to oil oxidation and corrosion.

Lucas Synthetic SAE 5W-50 is especially well suited for premium performance editions of Ford Mustangs, where the SAE 5W-50 viscosity grade is recommended such as the Shelby GT 350. It is fully compatible and blends with conventional motor oil.

PART NUMBER AND SIZE:

10101 - 1 Quart (Case of 6)
18015 - 6 Gallon Bag in a Box

FEATURES AND BENEFITS:

- Provides quick flow to engine parts during start-up
- Fully synthetic formula
- Lubricates effectively over a wide temperature range
- High zinc formula

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets or exceeds American and European OEM specifications, including API SP/SN/SM/SL, Ford WSS-M2C931-C

MAIN APPLICATIONS:

It's the perfect non-foaming lubricant for high RPM performance engines. It's also excellent for normal highway use with extended oil drains. Well suited for Ford Mustang Shelby GT 350, GT 500, Boss 302, modern hemi and LS engines using overhead camshafts and power adders.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D-1298	27.2
Specific Gravity @ 60°F	D-1298	.8916
Density @ 60°F, Lbs/US Gal	D-1298	7.424
Viscosity @ 40°C cSt	D-445	127.1
Viscosity @ 100°C cSt	D-445	18.0
Viscosity Index	D-2270	179
Color		Amber
Flash Point, COC °F	D-92	425
CCS @ -30°C, CPS	D-5293	6600 max
MRV TP1 @ -35°C, CPS	D-4684	60,000 max
Phosphorus, Wt %		0.076
Zinc, Wt %		0.083
TBN, Mg KHO/g		7.0

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](https://www.lucasoil.com)

LINKS AND ADDITIONAL INFORMATION:

For additional product information visit [LucasOil.com](https://www.lucasoil.com)