



## Synthetic Super Heavy Weight Racing Oil SAE 60

### For High-Horsepower Racing Engines

AMSOIL Synthetic Super Heavy Weight Racing Oil is a high-viscosity oil designed for high-horsepower racing engines, typically supercharged and alcohol-burning or nitro-fueled, requiring a high-viscosity oil to resist the thinning effects of fuel dilution. Its race-proven formulation is designed specifically to reduce friction, inhibit wear and promote power in extreme racing conditions.

#### Excellent Heat Stability

Synthetic Super Heavy Weight Racing Oil is highly resistant to thermal degradation and oxidation. Even in long-term, high-temperature service, it maintains viscosity and resists the formation of sludge, varnish, deposits and acids for continued wear protection.

#### Reduced Oil Consumption

By resisting evaporation, Synthetic Super Heavy Weight Racing Oil reduces oil consumption and inhibits thickening, allowing the oil to flow freely for dependable engine lubrication and protection.

#### Inhibits Corrosion, Rust & Foam

Synthetic Super Heavy Weight Racing Oil inhibits rust, neutralizes acids and resists foaming. Rust inhibition is especially important for engines subject to frequent short-trip operations or frequent periods of storage. Acid neutralization protects engines from damage caused by corrosive by-products of combustion. Foam resistance ensures protection against metal-to-metal contact and wear that occurs when air is trapped in oil.

#### Viscosity Retention

Synthetic Super Heavy Weight Racing Oil resists viscosity loss due to the shearing forces found inside high-horsepower/high-stress racing engines. Its excellent viscosity retention ensures formation of a protective film between moving metal parts, which inhibits metal-to-metal contact and consequent wear and failure.



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## TYPICAL TECHNICAL PROPERTIES

### Synthetic Super Heavy Weight Racing Oil (AHR)

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SAE Viscosity Grade	60
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	24.1
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	214.1
Viscosity Index (ASTM D-2270)	140
Apparent Viscosity @ -10°C, cP (ASTM D-5293)	8411
Flash Point, °C (F°) (ASTM D-92)	242 (467)
Pour Point, °C (F°) (ASTM D-97)	-36 (-33)
NOACK Volatility, % Weight Loss (ASTM D-5800)	5.0
Four-Ball Wear @ 40 kgf, 150°C, 1200 rpm, 1 hr, scar diameter, mm (ASTM D-4172)	0.40
Total Base Number	11

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#### APPLICATIONS

AMSOIL Synthetic Super Heavy Weight Racing Oil is recommended for use in gasoline- or alcohol-fueled engines requiring an SAE 60, API SL/CF engine oil. It is not recommended for use in cold-temperature environments.

#### COMPATIBILITY

AMSOIL Synthetic Super Heavy Weight Racing Oil is compatible with conventional and synthetic motor oils. Mixing Synthetic Super Heavy Weight Racing Oil with other oils, however, will shorten its life expectancy and reduce the performance benefits. Aftermarket oil additives are **not recommended** for use with AMSOIL motor oils.

#### SERVICE LIFE

Follow the equipment manufacturer's recommended drain intervals.

#### HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Material Safety Data Sheet (MSDS). An MSDS is available upon request at (715) 392-7101 or online at [www.amsoil.com](http://www.amsoil.com). Keep out of reach of children. Don't pollute. Return used oil to collection centers.



AMSOIL products and Dealership information are available from your local AMSOIL Dealer.