



TECHNICAL DATA

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709 SUPREME 7000 SYNTHETIC PLUS™ RACING OIL SAE 10W-30

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 is a premium quality high zinc, multi-grade para-synthetic engine oil that is specially formulated to reduce friction and wear, increase engine efficiency and extend engine life in all types of high performance gasoline engines including those that contain flat tappet cams and are turbocharged or supercharged. Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 is particularly recommended for use in crate circle track engines found in late model series race cars.

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 is formulated with a proprietary blend of para-synthetic base oils, an advanced performance racing formula additive package and a highly shear stable viscosity index improver that provides the following performance benefits:

PERFORMANCE

- Excellent high temperature/high shear performance to provide excellent oil film thickness and engine protection at high operating temperatures and shear rates, while minimizing lubricant frictional resistance
- Superior thermal and oxidative stability
- Enhanced lubrication to maintain maximum horsepower and acceleration
- Superior low volatility characteristics to provide substantially lower oil consumption
- Excellent anti-foaming properties
- Increased engine life with improved engine durability and reliability

DEPOSIT PROTECTION

- Excellent wear and deposit control protection
- High detergency and dispersancy to suppress the formation of deposits, sludge and varnish
- Reduced carbon build-up from active cleaning agents for increased and enhanced engine cleanliness
- Exceptional protection against the formation of coking deposits on turbochargers
- Increased engine cleanliness

WEAR PROTECTION

- Excellent film strength - this results in increased protection against wear.
- Extra zinc anti-wear additives to protect flat-tappet cams from excessive wear
- A substantial reduction in ring and cylinder wear
- Reduced bearing wear and increased bearing life
- Excellent rust and bearing corrosion protection
- Superior valve train-wear protection

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30, also contains two proven frictional modifiers Micron Moly® and Schaeffer Mfg's own proprietary additive Penetro®. These two proven frictional modifiers once plated, form a long lasting slippery tenacious lubricant film, which prevents the metal surfaces from coming into contact with each other. By preventing metal-to-metal contact, damaging frictional wear is prevented from occurring. This prevention of metal-to-metal contact and reduction in wear results in increased engine life and reduced maintenance costs.

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 can be used in most types of 4-cycle air-cooled or water-cooled motorcycle and ATV engines including those motorcycles that have common sump for the engine and transmission (**non-metallic clutches only**).

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 is not recommended for use in those 4-cycle engine applications that specify the use of either a JASO MA, MA-2 or MB. Use of Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 in applications that specify JASO MA, MA-2 or MB oil can cause slippage and improper engagement of the clutch mechanisms.

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 is also not recommended for use in 4-cycle marine engines that specify the use of NMMA FC or FC-W 4-cycle engine oils.

Supreme 7000 Synthetic Plus™ Racing Oil SAE 10W-30 meets and exceeds the following specifications and manufacturers' requirements: MIL-PRE- 46152E; CID A-A-52039B; A-A-52306A; API Service Classification SM/CF Ford; General Motors; Chrysler; specifications ; JASO JIS K2215 specifications;

TYPICAL PROPERTIES

SAE Grade	10W-30
Viscosity @ 40°C, cSt (ASTM D445)	62.00-72.00
Viscosity @ 100°C, cSt (ASTM D445)	10.00 – 12.5
Viscosity Index (ASTM D2270)	154
High Temperature/High Shear Viscosity 302°F/150°C, cP (ASTM D4683)	3.5
Cold Cranking Viscosity (ASTM D5293) @-25°C, cP	5,700
Mini Rotary Viscosity TP-1 @ -30°, cP (ASTM D4683)	16,500
Flash Point °F/°C (ASTM D92)	444°/229°
Fire Point °F/°C (ASTM D92)	490°/254°
Stable Pour Point °F/°C (FTM 7916 Method 203)	<-38°/<-39°
Total Base Number (ASTM D2896)	10
Sulfated Ash Content % wt (ASTM D874)	0.951
Orban Shear Stability (ASTM D7109)	
% Loss @ 90 Passes	9.2%
Copper Strip Corrosion Test (ASTM D130)	1a
NOACK Volatility %Evaporation Loss (ASTM D5800)	11%
Foam Test (ASTM D892)	
Sequence I	0/0
Sequence II	0/0
Sequence III	0/0
Sequence IV	0/0
High Temperature Foam Test (ASTM D6082 Option A)	0/0
Zinc Content, ppm	1600-2000
Phosphorous, ppm	1300-1900