SINCE 1839
Schaeffer's
SPECIALIZED LUBRICANTS

TECHNICAL DATA

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ISO 9001 CERTIFIED

702 SUPREME 7000™ SYNTHETIC PLUS SAE 30

Supreme 7000™ Synthetic Plus is a premium quality para-synthetic straight grade engine oil that is specially formulated for use in all types of gasoline and diesel equipment that require the use of an SAE straight grade oil.

Supreme 7000™ Synthetic Plus provides the following performance advantages:

- Superior oxidative stability and resistance to thermal degradation.
- Lower pour point and borderline pumpability temperature.
- A high viscosity index.
- Extended oil drain capability and intervals.
- Superior soot handling control and excellent protection against soot loading.
- Excellent resistance to soot related viscosity increase, filter plugging and soot abrasive wear.
- Excellent high temperature deposit protection which results in increased engine cleanliness.
- High levels of TBN reserve for extended oil drain capability and effective neutralization of acids.
- Increased engine cleanliness.
- A substantial reduction in ring wear, cylinder wear, ring sticking and ring breakage.
- Superior valve train-wear protection.
- Superior low volatility to substantially reduced oil consumption.
- Excellent antifoaming properties.
- Increased engine life and reduced maintenance costs due to downtime.

Further blended into Supreme 7000™ Synthetic Plus are two proven frictional modifiers, Micron Moly®, a liquid soluble type of moly, and Schaeffer Mfg.'s own proprietary additive Penetro®. Once plated, these frictional modifiers form a long lasting, slippery, tenacious lubricant film, which prevents metal-to-metal contact and damaging frictional wear which results in:

- Increased fuel economy
- A low coefficient of friction
- Significantly less bearing, ring, piston, cylinder and valve-train wear.
- Increased engine efficiency, durability and life.
- Less down-time with reduced maintenance costs

Supreme 7000™ Synthetic Plus meets and exceeds the following specifications and manufacturers' requirements: MIL-L-2104G, MIL-L-46152E, API Classification CF-4/CF-2/CF/SM, Mack EO-K and EO-K/2, Caterpillar OL-1, OL-5, TO-2 and Cummins, Cummins NTC 400 and double NTC 400, Cummins L-10 & 14 LHST 227.0, 228.0, Scania, Volvo, Ford, General Motors, Komatsu, Dresser, Navistar, JI Case, John Deere, Allison C-4, Detroit Diesel, CCMC D-5, Mercedes-Benz Sheet 226.0.

TYPICAL PROPERTIES

SAE Grade	**30**
Viscosity @ 40°C (ASTM D445), cSt	97.79- 110.34
Viscosity @ 100°C (ASTM D445), cSt	11.5-12.5
High Temperature/High Shear Viscosity 150°C/302°F (ASTM D4683), cP	3.5
Viscosity Index (ASTM D2270)	105
Flash Point °C/°F (ASTM D92)	235°/455°
Fire Point °C/°F (ASTM D92)	246.11°/475°
Pour Point °C/°F (ASTM D97)	-23.3°/-10°
Sulfated Ash Content (ASTM D874), % wt	1.2
Total Base Number (ATM D2896)	10
Volatility (ASTM D2887), % Evaporative Loss	5.0
Copper Strip Corrosion Test (ASTM D130)	1a
Foam Test (ASTM D892)	
Sequence I	0/0
Sequence II	0/0
Sequence III	0/0
Sequence IV	0/0