



TECHNICAL DATA

102 Barton Street, St. Louis, Missouri 63104

In-State (314) 865-4100/Out of State 800-325-9962/Fax (314) 865-4107 <http://www.schaefferoil.com>

#706 SUPREME 7000™ SYNTHETIC PLUS 2-CYCLE OIL NMMA TC-W3

Supreme 7000 Synthetic™ Plus 2-Cycle Oil is a para-synthetic ashless 2-cycle oil that is specially formulated to meet and exceed the performance needs of today's high performance water cooled two cycle engines that specify the use of a 2-cycle oil that meets NMMA TC-W3.

Supreme 7000™ Synthetic Plus 2-Cycle Oil is blended from the finest high quality severely hydrofinished polyalphaolefin (PAO) synthetic base fluids and severely solvent refined severely hydrofinished 100% paraffin base oils available. Blended into this base stock combination is a concentrated ashless two-cycle additive package that provides the Supreme 7000™ Synthetic Plus 2-Cycle Oil with the following performance advantages.

- ◇ **Superior detergency to prevent ring sticking and compression loss.**
- ◇ **Superior lubricity to prevent scuffing and engine seizure**
- ◇ **Excellent protection against deposit induced pre-ignition**
- ◇ **Superior resistance to formation of deposits that can cause exhaust port blocking and the fouling of spark plugs**
- ◇ **A very high level of engine cleanliness**
- ◇ **Superior high temperature performance and protection for water cooled engines**
- ◇ **Superior performance and protection for air-cooled engines that specifically call for TC-W, TC-W II, or TC-W3 2-cycle oil**
- ◇ **Excellent rust and corrosion protection, especially during extended storage periods**
- ◇ **Excellent miscibility and fluidity**

Further blended into the para-synthetic base stock blend and the concentrated ashless two-cycle oil additive package are two proven frictional modifiers Micron Moly® and Schaeffer'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 2-Cycle Oil meets and exceeds the NMMA TC-W3 category and is recommended for use in all types of water cooled 2-cycle engines.

Supreme 7000™ Synthetic Plus 2-Cycle Oil is pre-diluted for easy and fast mixing at all temperatures. It is well suited for use in gasoline and pre-mix engines and oil injected water cooled 2-cycle engines in all climates.

Supreme 7000™ Synthetic Plus 2-Cycle Oil is recommended for use at all manufacturers' prescribed fuel/oil ratios. Follow the manufacturer's blend recommendations for the particular make and model of equipment.

NOTE: Supreme 7000™ Synthetic Plus 2-Cycle Oil is not recommended for use in those 2-cycle engines that employ the use of rotary valves or power-valves or 2-cycle engines (*air cooled) that specify API TC, JASO FA, JASO FB, JASO FC, ISO-L-EGB, ISO -L-EGD, ISO-L-EGC and TISI quality 2-cycle oils.

FUEL MIXING TABLE				
Ounces of Oil to Gallons of Gasoline				
Ratio Fuel to Oil	1 Gallon	2 Gallons	5 Gallons	10 Gallons
11:1	11.5	21.5	58	116
12:1	10.5	21	53.5	107
16:1	8	16	40	80
20:1	6.5	13	32	64
24:1	5.5	10.5	26.5	53
25:1	5	10	25.5	51
30:1	4.5	8.5	21.5	43
32:1	4	8	20	40
40:1	3	6.5	16	32
42:1	3	6.5	15	30
50:1	2.5	5	13	26
100:1	1.5	2.5	6.5	13

TYPICAL PROPERTIES

Viscosity @ 40°C, cSt (ASTM D-445)	29.00 - 39.00
Viscosity @ 100°C, cSt (ASTM D-445)	5.5 – 7.5
Brookfield Viscosity @ -13°F/-25°C, cP (ASTM D-2893)	4,000
Flash Point °F/°C, C.O.C. (ASTM D-92)	219°/103.89°
Flash Point °F/°C, PMCC (ASTM D-93)	165°/73.89°
Pour Point °F/°C (ASTM D-97)	-42°/-43.6°