

POWER SYNTH

SYNTHETIC LUBRICANT FOR MODEL ENGINES

Description: The POWER SYNTH lubricant is based on high quality synthetic ester and contains specific ashless additives to improve its anti-oxidation and anti-corrosion properties. The POWER SYNTH lubricant ensures an excellent lubrication and protection against wear and corrosion for all size of model engines.

Application: POWER SYNTH is a biodegradable synthetic lubricant which have been specially developed for lubrication of model engines. It is compatible with methanol and nitro-methane at any temperatures. Friction tests show that POWER SYNTH reduces wear by more than 50% compared to castor oil (wear areas).

POWER SYNTH's outstanding anti-friction and anti-wear performances makes it a perfect lubricant to mix fuels for high performance engines. The thermal stability of the synthetic base fluid as well as the use of ashless additives prevent the formation of deposits.

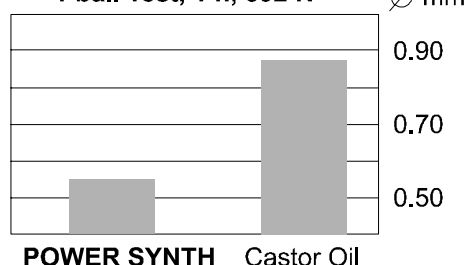
Advantages:

- Anti-wear, superb lubrication quality
- Anti-oxidant, anti-corrosion
- Excellent compatibility with model engines fuels (Methanol, Nitro-methane)

Compability 10% in methanol

	POWER SYNTH	Castor Oil
20° C / 7 days	Transparent	Hazy
-20° C / 7 days	Transparent	Deposits

4-ball Test, 1 h, 392 N



Characteristic	Unit	Result	Test Method
Appearance	-	Clear, bright and free from sediments and other impurities	Visual examination
Density at 20° C	Kg/dm ³	1.109	ISO 12185
Flash point, COC	° C	254	ISO 2719
Pour point	° C	-3	ISO 3016
TAN	mg KOH/g	1.9	ISO 6619
Kinematic viscosity at 100° C	mm ² /s	17	ISO 3104
40° C		142	
Viscosity index	-	162	ISO 2909
Steel corrosion test	-	pass	ASTM D665A
Copper corrosion – 3 h at 100° C	-	unchanged	ISO 2160
4-ball test results 1 hour / 392 N	mm	0.55	ASTM D4172
Biodegradability	%	> 90%	CEC L33 A93

The values shown are typical values. They do not constitute any contractual commitment.