



# Discuss High-Temperature Shear Stability with Your Engine Builder

Group IV (PAO) Poly-Alpha-Olefin  
Group V Ester Based  
Superior Thermal Performance  
100% Synthetic

Zinc 2033 ppm  
Phosphorus 2017 ppm  
Calcium 3163 ppm



# PTH

## RACING OIL

Compare our High Temp High Shear (HTHS) specifications against the other racing oils.

PTH Oil is available at:



Roger Kraus Racing  
1 (800) 510-RACE (7223)



Sonoma, CA      Jupiter, FL  
800-708-RACE    866-320-FAST  
Sebring, FL      Englewood, CO  
863-655-7777    800-251-8917

For enhanced engine protection, PTH has created a better High Performance Racing Oil using elite-level ingredients.

	PTH Racing Oil 5w30	Joe Gibbs Driven XP3 10w30	Motul 300V 5w30	Brad Penn PennGrade1 Partial Synthetic 5w30	*Mobil 1 Extended Performance 5w30 SN
Specific Gravity	0.854	0.85	0.870	0.86	0.851
Viscosity @ 40°C (104°F)	74.2 cSt	70 cSt	64.0 cSt	65.6 cSt	59.8 cSt
Viscosity @ 100°C (212°F)	11.97 cSt	12 cSt	11.0 cSt	11.1 cSt	10.6 cSt
HTHS viscosity at 150°C (302°F)	5.2 mPa.S	3.64 mPa.S	3.5 mPa.S	3.185 mPa.S	3.0 mPa.S
Viscosity Index	158	169	165	161	169
Flash Point	214°C (417°F)	197°C (387°F)	232°C (450°F)	202°C (396°F)	230°C (446°F)
TBN (total base number)	10mg KOH/g	1.8mg KOH/g	7.97mg KOH/g	10.6mg KOH/g	9.7mg KOH/g
Zinc (Anti-wear)	2033 ppm	~750 ppm	~1110 ppm	1500 ppm	~900 ppm
Phosphorus (Anti-wear)	2037 ppm	~800 ppm	~1020 ppm	1400 ppm	~800 ppm
Calcium (Acid Neutralizer)	3163 ppm	~400 ppm	~3140 ppm	2900 ppm	~1200 ppm

[www.pthoil.com](http://www.pthoil.com)