



# High Zinc Synthetic Blend Racing Oil

## Purpose Built Performance

Champion® Racing Motor Oils are purpose built products designed for severe racing applications. These products contain Champion's proprietary TVS® (Thermal Viscosity Stabilizer), special lubricity modifiers, and a premium level of anti-wear additives which includes a high quantity of ZDDP. These additives are proven to meet the lubrication demands of competition engines, create a tough film strength, which controls wear and provides more horsepower and torque in Dynamometer testing.

Champion® Racing Oils are suitable for use in all competition engines especially those using flat tappet and/or roller cams operating at high RPMs and requiring high-pressure (stiff) valve springs. These products are offered in a popular range of multi-viscosity SAE grades and formulated to meet the demands of most of today's high performance race engines.

## Features:

- Provides exceptional low coefficient of friction
- Offers film strength and viscosity stability at higher temperatures
- Formulated for the protection of flat tappet cams, roller cams and bearings in turbo and super-charged racing engines
- Increases high-temp oil pressure and compression
- Compatible with all racing fuels including methanol
- Provides upper cylinder anti-wear protection
- Reduces engine oil temperature
- Compatible with other petroleum and synthetic oils

SAE	Typical Properties	
	10W-30	20W-50
Part #	4104H	4111H
MSDS #	100	100
Color	Blue	Blue
Lbs./Gal.	7.19	7.29
Gravity	0.864	0.876
Viscosity@ 100°C, cSt	11.0	19.0
Anti-wear Elements		
Zn	1400 ppm	1400 ppm
Ca	1600 ppm	1600 ppm
Mo	750 ppm	750 ppm
Phosphorous	1700 ppm	1700 ppm
Flash Pt., °C (°F)	227 (440)	232 (450)
Pour Pt., °C (°F)	-37 (-34)	-29 (-20)

Not recommended for radial piston racing engines.



FOR MORE INFORMATION,  
CALL (800) 821-5693

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## Applications:

Use for lubrication of high-performance competition supercharged, turbocharged, injected, and naturally aspirated four-cycle engines using high octane gasoline or other exotic fuels (including methanol or nitromethane).