

# CHAMPION PDS

PRODUCT DATA SHEET

## HIGH ZINC SYNTHETIC-BLEND RACING OIL

Champion High Zinc Synthetic Blend Racing 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

**PART# 4104 - 10W-30**

**PART# 4080 - 10W-40**

**PART# 4111 - 20W-50**



### TYPICAL PROPERTIES:

PRODUCT CODE:	4104
SAE GRADE	10W-30
COLOR	BLUE
LBS/GAL	7.19
GRAVITY	0.864
VISCOSITY @ 100°C, cSt	11.0
ZINC	1600 PPM
CALCIUM	1900 PPM
MOLYBDENUM	750 PPM
PHOSPHOROUS	2000 PPM
FLASH POINT °C (°F)	227 (440)
POUR POINT °C (°F)	-37 (-34)

PRODUCT CODE:	4080
SAE GRADE	10W-40
COLOR	BLUE
LBS/GAL	7.26
GRAVITY	0.881
VISCOSITY @ 100°C, cSt	14.8
ZINC	1600 PPM
CALCIUM	1900 PPM
MOLYBDENUM	750 PPM
PHOSPHOROUS	2000 PPM
FLASH POINT °C (°F)	227 (440)
POUR POINT °C (°F)	-37 (-34)

PRODUCT CODE:	4111
SAE GRADE	20W-50
COLOR	BLUE
LBS/GAL	7.29
GRAVITY	0.876
VISCOSITY @ 100°C, cSt	19.0
ZINC	1600 PPM
CALCIUM	1900 PPM
MOLYBDENUM	750 PPM
PHOSPHOROUS	2000 PPM
FLASH POINT °C (°F)	232 (450)
POUR POINT °C (°F)	-29 (-20)

### Available in:

4104H	-	1 Quart
4104D	-	5 Gallon
4104AN	-	55 Gallon
4080H	-	1 Quart
4111H	-	1 Quart
4111D	-	5 Gallon
4111AN	-	55 Gallon

FOR HEALTH / SAFETY INFORMATION - REFER TO THE SDS at [WWW.CHAMPIONBRANDS.COM](http://WWW.CHAMPIONBRANDS.COM)

CHAMPION BRANDS, LLC // CLINTON, MO // 800-821-5693 // SINCE 1956

REV 01/20

