CHAMPIONPDS

HIGH ZINC BREAK-IN OIL

Champion Power Shield® Break-In Motor Oil is specially designed to reduce the potential of engine failure during hard break-in. This formulation is based on the performance achievements of Champion PowerShield® Engine Assembly Lube & Oil Booster.

This product contains high levels of zinc-thiophosphates, in combination with Champion's proprietary TVS® (Thermal Viscosity Stabilizer), which extends oil film capacity for proper ring seating. Professional engine-builders that use Champion Power Shield® Break-In Motor Oil will see the difference of our proven barrier of protection and is recommended for all types engines including flat-tappet or roller cams.

- Designed for tight clearance hard break-in to maximize compression and torque
- Protects cams and lifters permitting high temperature ring sealing
- Best performance in class among methanol and high-octane race engines
- Requires no additional additives
- After break-in, engine builders recommend Champion Racing or Champion Classic/Muscle Oils

PART# 4270 - SAE 30
PART# 4272 - 10W-40
PART# 4273 - 20W-50

Available in:

4270H	-	1 Quart
4270D	-	5 Gallon
4270AN	-	55 Gallon
4272D	-	5 Gallon
4273D	-	5 Gallon

TYPICAL PROPERTIES:

PRODUCT CODE:	4270
SAE GRADE	SAE 30
API GRAVITY	26.7
SPECIFIC GRAVITY	0.898
LBS/GAL	7.45
VISCOSITY @ 40°C, cSt	117.7
VISCOSITY @ 100°C, cSt	12.7
VISCOSITY INDEX	100
ZINC	2700 PPM
PHOSPHOROUS	2400 PPM
CALCIUM	1700 PPM
PRODUCT CODE:	4272
SAE GRADE	10W-40
API GRAVITY	29.7
SPECIFIC GRAVITY	0.878
LBS/GAL	7.32
VISCOSITY @ 40°C, cSt	103.2
VISCOSITY @ 100°C, cSt	15.4
VISCOSITY INDEX	158
ZINC	2700 PPM
PHOSPHOROUS	2400 PPM
CALCIUM	1700 PPM
PRODUCT CODE:	4273
SAE GRADE	20W-50
API GRAVITY	28.6
SPECIFIC GRAVITY	0.884
LBS/GAL	7.37
VISCOSITY @ 40°C, cSt	163.7
VISCOSITY @ 100°C, cSt	19.8
VISCOSITY INDEX	140
ZINC	2700 PPM
PHOSPHOROUS	2400 PPM
CALCIUM	1700 PPM