



PowerShield®

Break-In Motor Oil

Part No. 4270H - 32-ounce HDPE container

Purpose Built Performance

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

Typical Properties

Lbs./Gal.	7.45
Specific Gravity	.0898
API Gravity	26.7
Viscosity @ 40°C	117.69 cSt
Viscosity @ 100°C	12.70 cSt
Viscosity Index	100
Anti-wear Elements	
Zn,	(2750 ppm)
P,	(2990 ppm)
Ca,	(1730 ppm)
Flash Pt., °C (°F)	250 (482)
Pour Pt., °C (°F)	-18 (0)

