



PowerShield® Break-In Motor Oil

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



CHAMPIONS USE
CHAMPION!

Part Number	4270	4272	4273
SAE Grade	SAE 30	SAE 10W-40	SAE 20W-50
API Gravity	26.7	29.7	28.6
Specific Gravity	0.898	0.878	0.884
Lbs/Gal	7.45	7.32	7.37
Viscosity @ 40C, cSt	117.7	103.2	163.7
Viscosity @ 100C, cSt	12.7	15.4	19.8
Viscosity Index	100	158	140
Zinc, ppm	2,700	2,700	2,700
Phosphorous, ppm	2,400	2,400	2,400
Calcium, ppm	1,700	1,700	1,700
Cold-Crank, cP	NA	5,790 @ -25C	4,450 @ -15C

