



High Zinc Synthetic Blend Motor Oil

Purpose Built Performance

PALADIN CLASSIC & MUSCLE synthetic blend motor oils contain high levels of premium-ZDDP anti wear protection required in hot rod, muscle, vintage, and classic cars Especially those using flat tappet or roller cams operating at high RPMs and requiring high-pressure (stiff) valve springs.

PALADIN CLASSIC & MUSCLE synthetic blend motor oils contain Champion's exclusive TVS® (Thermal Viscosity Stabilizer) technology delivering unmatched film strength at high temperature, better piston ring seal for maximum compression, and increases the foot-pounds of torque in most engines. These oils also contain special lubricity modifiers to reduce friction which unlock the full potential of any engine.

Features:

- Offers film strength and viscosity stability at higher temperatures
- Formulated for the protection of pushrod, flat tappet, and roller cam engines
- Maintains oil pressure and compression at high temperatures
- Provide upper cylinder anti-wear protection
- Universal compatibility with other petroleum and synthetic oils
- Top choice for engine storage

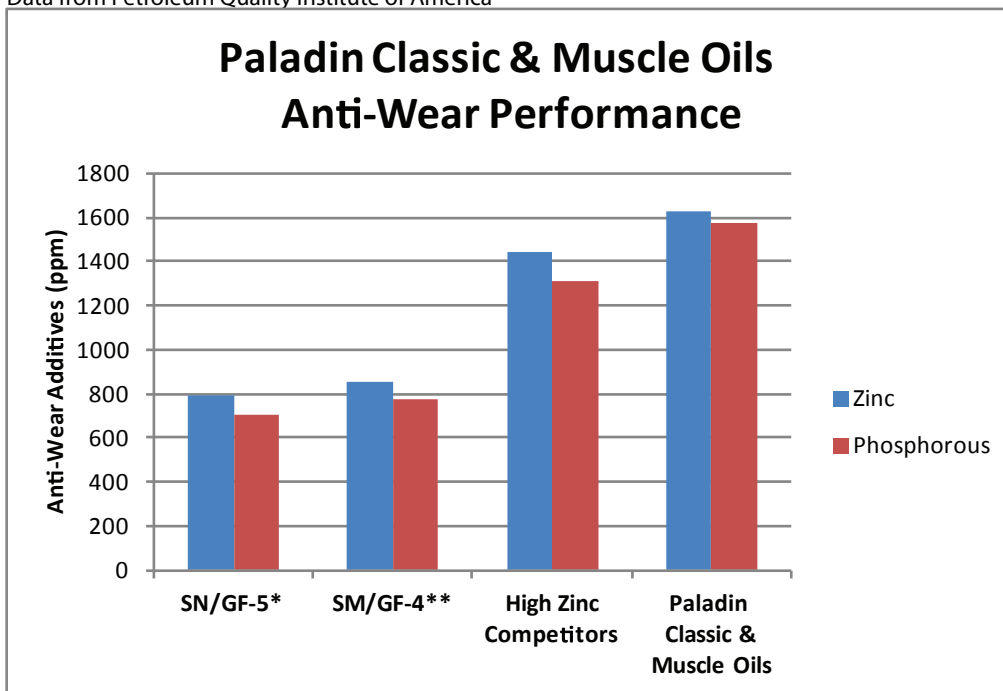
SAE/API	Typical Properties	
	10W-30 SJ	20W-50 SJ
Part #	6130	6124
Color	Blue	Blue
Lbs./Gal.	7.23	7.29
Gravity	0.864	0.876
Viscosity@ 100°C, cSt	12.0	17.5
Anti-wear Elements		
Zn, %wt	0.16	0.16
Ca, %wt	0.22	0.22
P, %wt	0.14	0.14
Flash Pt., °C (°F)	227 (440)	232 (450)
Pour Pt., °C (°F)	-37 (-34)	-29 (-20)



FOR MORE INFORMATION,
CALL (800) 821-5693

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Data from Petroleum Quality Institute of America



*Averages for 13 major brands of SN/GF-5 motor oil

**Averages for 13 major brands of SM/GF-4 motor oil

Current API/ILSAC specifications no longer provide the appropriate amount of zinc and phosphorous needed for engines that have flat-tappets and roller cams.

Applications:

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