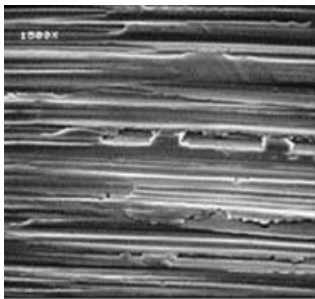


## HP 2-C<sup>®</sup>

### HIGH-PERFORMANCE SYNTHETIC 2-CYCLE ENGINE OIL

Royal Purple<sup>®</sup> HP 2-C<sup>®</sup> is a high-performance, synthetic 2-cycle engine oil that improves performance and reduces wear in any 2-cycle gasoline engine. The ashless formulation and synthetic solvency of HP 2-C keeps spark plugs and exhaust ports clean for maximum engine efficiency. HP 2-C is formulated with Royal Purple's proprietary, synthetic Synerlec<sup>®</sup> additive technology that protects rings, bearings and cylinder walls from metal-to-metal contact and guards against scuffing, galling and welding, which can occur in severe conditions. This engine cleanliness combined with the low coefficient of friction of Royal Purple HP 2-C promotes increased horsepower and engine speed. Engines operate with greater combustion efficiency and go longer between overhauls when lubricated with HP 2-C.

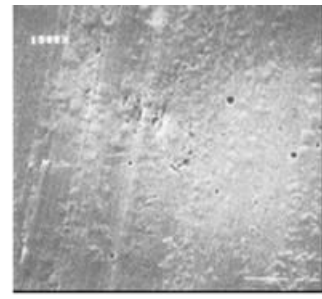
Royal Purple's advanced, proprietary Synerlec<sup>®</sup> technology provides an exceptional film strength increase compared to other engine oils. Synerlec<sup>®</sup> dramatically reduces metal-to-metal contact, friction and wear, thereby extending engine life and restoring lost engine performance. Synerlec<sup>®</sup> also forms a tenacious ionic bond to metal surfaces providing unmatched cold-start wear protection.



New Bearing\*



After Leading Synthetic\*



After Royal Purple  
w/ Synerlec\*

\* Same bearing shell from same engine, magnified 1500x

Royal Purple HP 2-C is recommended for use in both pre-mixed and oil injected gasoline 2-cycle engines in outboard motors, motorcycles, jet skis, chain saws, etc. HP 2-C meets or exceeds API TC, JASO FD, and NMMA TCW3 performance requirements. For cold weather oil injected applications, Royal Purple recommends its Snow 2-C.

### PERFORMANCE ADVANTAGES

- GREATEST WEAR PROTECTION – Protection against engine wear that is unmatched by any commercially available engine oil
- INCREASED POWER - Premium synthetic base oils and Synerlec<sup>®</sup> technology improve ring seal and reduce operating friction
- SUPERIOR RUST & CORROSION PROTECTION – Top ratings in iron and copper alloy corrosion tests
- COOLER & CLEANER OPERATION – Ashless formula burns cleanly and reduces deposits



# TECHNICAL DATA SHEET

Typical Physical Properties		
Property	Test Method	
Viscosity @ 40°C, cSt	ASTM D445	46.0
Viscosity @ 100°C, cSt	ASTM D445	7.5
Viscosity Index	ASTM D2270	129
Flash Point, °C (°F)	ASTM D92	116 (240)
Pour Point, °C (°F)	ASTM D97	-45 (-49)
Copper Corrosion, @ 100°C	ASTM D92	1A
Rust Test, Fresh Water	ASTM D665A	Pass
Rust Test, Salt Water	ASTM D665B	Pass

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