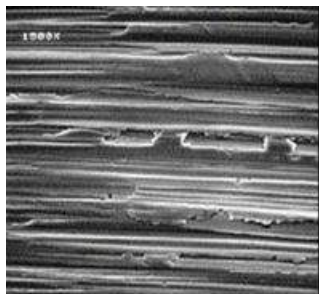


HP 2-C[™]

PRODUCT DESCRIPTION

Royal Purple[®] HP 2-C[™] 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[®] 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.

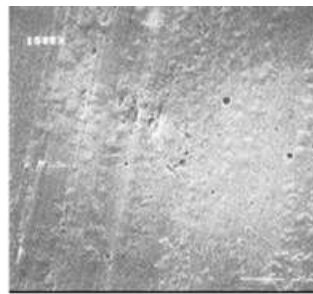
Royal Purple's advanced proprietary Synerlec technology provides an exceptional film strength increase compared to other engine oils. Synerlec dramatically reduces metal-to-metal contact, friction and wear, thereby extending engine life and restoring lost engine performance. Synerlec also forms a tenacious 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.

FEATURES and BENEFITS

- GREATEST WEAR PROTECTION – Protection against engine wear that is unmatched by any commercially available engine oil
- INCREASED POWER - Premium synthetic base oils and Synerlec 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

PRODUCT DATA

Typical Properties		
Property	Test Method	
Viscosity @ 40°C, cSt	ASTM D445	46
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, 3 h @ 100°C (Rating)	ASTM D130	1a
Rust Prevention	ASTM D665A&B	Pass

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) www.royalpurple.com

Distributed By:
Calumet Branded Products, LLC
1060 N Capitol Ave
Suite 6-401
Indianapolis, IN 46204
Technical Services: 888-382-6300
www.royalpurple.com

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