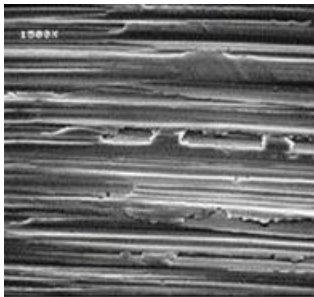


HP 2-C[®]

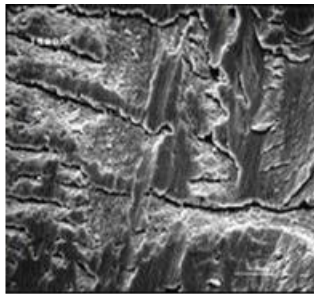
HIGH-PERFORMANCE SYNTHETIC 2-CYCLE ENGINE OIL

Royal Purple[®] HP 2-C[®] is a high-performance synthetic engine oil that improves performance and reduces wear in both standard and high performance 2-cycle gasoline engines. 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.

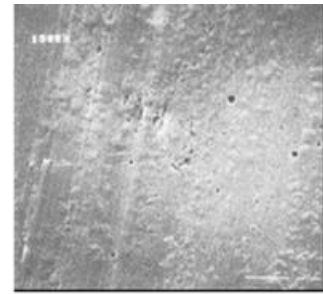
Royal Purple's advanced and proprietary Synerlec[®] technology provides an exceptional film strength increase compared to other engine oils. The protection provided by Synerlec[®] dramatically reduces metal-to-metal contact and frictional wear, helping to extend engine life and restore lost engine performance. 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. 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[®] 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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