



ROYAL PURPLE[®] SYNTHETIC OIL

2-Cycle TCW III

2-Cycle Gasoline Engine Oil

Beyond Synthetic™

Royal Purple® 2-Cycle TCW III is recommended for use in both pre-mixed and oil injected gasoline two-cycle engines in outboard motors, motorcycles, jet skis, chain saws, etc. For cold weather oil injected applications, Royal Purple® recommends its Snow 2-C™.

Royal Purple® 2-Cycle TCW III is a high performance engine oil that improves performance and reduces wear in both standard and high performance two-cycle gasoline engines. Royal Purple® 2-Cycle TCW III has synthetic solvency that keeps spark plugs and exhaust ports clean for maximum engine efficiency. This engine cleanliness combined with the low coefficient of friction of Royal Purple® 2-Cycle TCW III promotes increased horsepower and engine speed. Engines operate with greater combustion efficiency and go longer between overhauls when lubricated with Royal Purple® 2-Cycle TCW III.



Max Toler

Exclusive Performance Advantages:

- Greater Wear Protection
- Clean, Efficient Engines
- Outstanding Rust / Corrosion Protection
- Increased Performance
- Ashless to Minimize Exhaust Deposits

TYPICAL PROPERTIES*

Viscosity	
cSt @ 40°C	37.5
cSt @ 100°C	6.3
SUS @ 100°F	193
SUS @ 210°F	48
Flash °F	230
Fire °F	275
Pour °F	-35
Corrosion Oxidation Tests	
3 hrs. @ 210°F	1a
24 hrs. @ 210°F	1a
Rust Test	
Fresh Water	Pass
Salt Water	Pass
Dry Air Oxidation (≤ 6% = pass)	
312 hours @ 203°F,	
% viscosity increase	0
4-Ball Wear Test	
1800 RPM @ 130°F, 20 kg.	
Scar Diameter	0.42
4-Ball Weld Test, kg.	315

*All properties are typical and may vary.

Royal Purple® 2-CYCLE TCW III Part Numbers

<u>1-Qt. Bottle</u>	<u>Quart Case</u>	<u>1-Gal. Bottle</u>	<u>Gal. Case</u>	<u>5-Gal. Pail</u>	<u>55-Gal. Drum</u>
RPMTCWIII-BQ	RPMTCWIII-12C	RPMTCWIII-BG	RPMTCWIII-4C	RPMTCWIII-P	RPMTCWIII-D

Quart Case = 12 / 1-quart bottles

Gallon Case = 4 / 1-gallon bottles

