



ROYAL PURPLE[®] SYNTHETIC OIL

Synchromax[™] Manual Transmission Fluid

Beyond Synthetic[™]

Synchromax[™] is recommended for manual transmissions that specify an automatic transmission fluid or motor oil. It is also ideal for 4x4 transfer cases and / or 2-cycle motorcycle gear boxes.

Synchromax[™] is formulated with Royal Purple's synthetic, proprietary Synerlec[®] additive technology, which offers improved shift quality over a wide temperature range and reduced gear noise.

Synchromax[™] is fully compatible with all types of friction materials and offers excellent corrosion and oxidation protection without affecting the soft metals commonly found in manual transmission synchronizers.

Exclusive Performance Advantages:

- Formulated with Synerlec[®] additive technology for Reduced Wear
- Smoother Shifts
- Excellent Rust / Corrosion Protection
- Reduces Friction for More Power
- Lowers Operating Temperatures

Synerlec[®] additive technology makes the difference!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synerlec[®] additive technology that gives Royal Purple's lubricants their amazing performance advantages. Synerlec[®] additive technology truly is *beyond synthetic*.™

Synerlec[®] additive technology forms a tough, slippery, synthetic film on all metal surfaces. This proprietary film significantly improves lubrication: first, by increasing oil film thickness and second, by increasing oil film toughness, both of which help to prevent metal-to-metal contact. It displaces moisture from metal surfaces and protects all metals against rust and corrosion. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

Royal Purple[®] SYNCHROMAX[™] Part Numbers

<u>1-Qt. Bottle</u>	<u>Case</u>	<u>5-Gal. Pail</u>	<u>55-Gal. Drum</u>
SCM-BQ	SCM-12C	SCM-P	SCM-D
Case = 12 / 1-quart bottles			

TYPICAL PROPERTIES*

Viscosity	
cSt @ 40°C	35.3
cSt @ 100°C	7.7
SSU @ 100°F	179.0
SSU @ 210°F	52.0
cP @ -20°C (-4°F)	800
cP @ -30°C (-22°F)	2000
cP @ -40°C (-40°F)	6000
Viscosity Index	196
Flash °F	450
Fire °F	490
Pour °F	-40
Foam Test	
Sequence I	0 ml / 0 ml
Sequence II	10 ml / 0 ml
Sequence III	0 ml / 0 ml
Density	
A.P.I. Gravity	34.6

*All properties are typical and may vary.

