

SYNTRACTOR[®] III / WG

Universal Tractor Fluid / Winter Grade Universal Tractor Fluid



Beyond Synthetic™

SynTractor[®] III and SynTractor[®] III WG (winter grade) are recommended for farm tractors where one common oil reservoir supplies the transmission, hydraulic system, differentials, wet brakes and / or final drives.

SynTractor[®] III and SynTractor[®] III WG are high performance, high film strength, long life, multi-purpose tractor fluids. They meet the requirements for Allison C-4; David Brown; J.I. Case; Caterpillar TO-2; Allis Chalmers; John Deere J20C/D; and Ford M2C134-C/D, M2C86-C and M2C41-B.

SynTractor[®] III and SynTractor[®] III WG offer significant performance advantages over other approved tractor fluids because they contain Royal Purple's proprietary Synerlec[®] additive technology, a super-tough, tenacious, slippery, synthetic lubricating film. Synerlec[®] additive technology's film strength is noticeably stronger than other tractor fluids assuring excellent lubricity and maximum protection.

SynTractor[®] III and SynTractor[®] III WG are many times more oxidation stable than other tractor fluids. Their superior ability to resist breakdown from heat and not lose proper lubricity allows for greatly extended drain intervals and cleaner equipment. SynTractor[®] III and SynTractor[®] III WG are fully compatible and can be mixed with other tractor fluids; however, for best results drain old fluid and fill with SynTractor[®] III or SynTractor[®] III WG.

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 its 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 the oil film's thickness, and second, by increasing the oil film's 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. And finally, it fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

Performance Advantages:

- Greater Wear Protection
- Clean, Efficient Equipment
- Longer Oil Life
- Longer Pump Life
- Reduces Temperatures
- Excellent Rust / Corrosion Protection

SynTractor[®] III

Viscosity	
cSt @ 40°C	58.7
cSt @ 100°C	9.4
SUS @ 100°F	300
SUS @ 210°F	58
Viscosity Index	142
Flash °F	430
Fire °F	455
Pour Point °F	-45
Foam Test (200°F)	
Sequence I	0 ml / 0 ml
Sequence II (10 sec.)	30 ml / 0 ml
Density	
Specific Gravity	0.885
Lbs./Gal.	7.37
TBN (mg KOH/g)	10.4
TAN (mg KOH/g)	0.8
4-Ball E.P. Test	
Weld Load, kg.	315
Copper Corrosion,	
3 hrs. @ 212°F	1a

Note: All properties are typical and may vary.

SynTractor[®] III WG

Viscosity	
cSt @ 40°C	43.6
cSt @ 100°C	9.1
SUS @ 100°F	220
SUS @ 210°F	57
Viscosity Index	197
Flash °F	400
Fire °F	430
Pour Point °F	-45
Foam Test (200°F)	
Sequence I	0 ml / 0 ml
Sequence II (10 sec.)	20 ml / 0 ml
Density	
Specific Gravity	0.877
Lbs./Gal.	7.30
TBN (mg KOH/g)	10.3
TAN (mg KOH/g)	0.8
4-Ball E.P. Test	
Weld Load, kg.	315
Copper Corrosion,	
3 hrs. @ 212°F	1a

Note: All properties are typical and may vary.