

SYNTRACTOR III™ / WG

Universal Tractor Fluid / Winter Grade Universal Tractor Fluid



Beyond Synthetic™

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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	61.2
cSt @ 100°C	9.8
SUS @ 100°F	313
SUS @ 210°F	60
Viscosity Index	145
Flash °F	430
Fire °F	455
Pour Point °F	-50
Foam Test (200°F)	
Sequence I	0 ml / 0 ml
Sequence II (10 sec.)	30 ml / 0 ml
Density	
A.P.I.	28.6
Specific Gravity	0.8838
Lbs./Gal.	7.36
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	41.5
cSt @ 100°C	8.7
SUS @ 100°F	210
SUS @ 210°F	56
Viscosity Index	195
Flash °F	400
Fire °F	435
Pour Point °F	-70
Foam Test (200°F)	
Sequence I	0 ml / 0 ml
Sequence II (10 sec.)	20 ml / 0 ml
Density	
A.P.I.	30.8
Specific Gravity	0.8717
Lbs./Gal.	7.259
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.