



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Syntrans Agri

Synthetic Universal Tractor Transmission Oil (U.T.T.O)



PURE SYNTHETIC

Syntrans AGRI is a new generation Universal Tractor Transmission Oil (U.T.T.O), formulated to provide superior performance and protection in new generation agricultural and heavy machinery.

Syntrans AGRI is a 100% synthetic formulation designed to offer superior performance and protection in wet brake transmissions, hydraulic systems and PTOs. Proprietary anti wear additives offer superior gear wear and bearing protection and provides exceptional hydraulic pump wear protection and cleanliness.

Syntrans AGRI is recommended for equipment with either common system reservoirs or separate transmission including those with wet brakes and wet clutches and hydraulic systems. Its advanced chemistry provides exceptional wet brake and transmission clutch lubricity and eliminates shudder, providing smooth operation and control.

Boasting an exceptionally high viscosity index (VI) of 209, Syntrans AGRI is highly resistant to oil viscosity break down at high temperature and load. The high VI of Syntrans AGRI can only be achieved by using 100% synthetic base oil, which is formulated to withstand broad variations in temperature whilst maintaining pump-ability at low temperatures and superior film strength throughout the most severe operating conditions encountered by the harsh Australian environment.

Because Syntrans AGRI is formulated to resist thinning at elevated temperatures, it can deliver superior equipment protection across a greater operating temperature range as compared to conventional, mineral or synthetic fortified lubricants that have a much lower VI.

The formulation of premium anti-wear and anti-oxidation additives also contribute to oil longevity and performance and combined with an exceptionally high (VI) Syntrans AGRI is a perfect mixed fleet agricultural and construction machinery lubricant.

Product Code: 4205

Product Size: 20L, 205L, 1000L

02.12.21 V1

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Summary of Benefits:

- *Significantly reduced noise from brake chatter/squawk*
- *Improved brake, transmission, and PTO disc life.*
- *Effective stopping*
- *Improved oxidation control*
- *Greater pump protection*
- *Less deposit build-up in servo valves due to ester content*
- *Longer equipment life and durability*
- *Greater wear protection and water in oil control*
- *Superior protection for spur, helical, spiral bevel gears and bearings*

Approvals and Specifications:

- API:GL-4
- Allison:C-2, C-4
- AGCO /Allis Chalmers Power fluid 821XL
- Case Corp. (J.I. Case and International Harvester)
- MS-1204 (TFD, MS-1205 (TFD-II), MS-1206 (PTF), MS-1207 (Hy-Tran® Plus), MS-1209
- MS-1210 (TCH Fluid (JIC145)
- MS-1230 (Poclain Equipment) B5, B6
- Caterpillar: TO-4, TO-2
- Claas/Renault: (Renault Transmissions)
- Clarke: TA-12, TA-18, HR500, HR600
- CNH Case/New Holland: MAT 3505 (MS1207, 1209), MAT 3506 (MS1210), MAT 3509 (MS1230)
- MAT 3510 (MS1317= GL-4), MAT 3525 (FNHA-2-C-201.00 =M2C 134-D), MAT 3526 (FNHA-2-C-200.00) MAT 3540 Deutz-Fahr: 272843, 257541, 246634

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- *Fendt: (Non Vario) and (Vario)*
- *Ford: M2C 134-A, B, C, D, M2C 41-B, M2C 48-C, M2C 53-A, M2C 86-A, B, C*
- *Ford New Holland FNHA-2-C-201.00 (M2C 134-D)*
- *FNHA-2-C-200.00* (Super All Season Driveline and Hydraulic Fluid -F200-A") (*Winter grade*
- *Hesston Fiat: Olio Fiat, Tutela Multi-F*
- *John Deere: JDM J20C, J20D J21A, J20A, J20B, J14B, J14C, JD303, Quatrol™*
- *Komatsu Dresser: B-06-0001/0002*
- *Kubota: UDT Hydraulic Fluid*
- *Landini: Tractor II Hydraulic Fluid*
- *Massey Ferguson: M-1141(EP), M-1135(Trans Hydraulic Europe), M-1143, M-1145,*
- *M-1129 A, M-1127 A/B, M-1110*
- *Same: Same Transmissions*
- *Valtra: G2-08*
- *VCE (Volvo): WB 101, WB 102*
- *Versatile: M2C134-D, (FNHA-2-C-201.00)*
- *White Farm (Oliver): Q-1826 (HTF), Q-1802 (Type 55), Q-1766/B, Q-1722, Q-1705*
- *ZF: TE-ML 03E, 05F, 06K, 17F, 21F*

Hydraulic testing passes:

- *Denison: HF-0, HF-1, HF-2, P-46*
- *Hydraulic T6H20C*
- *JDQ 84 (& modified JDQ 84A)*
- *Parker Denison UTTO/THF*
- *Plessey-Sunstrand*
- *Sperry Vickers: M-2950-S, I-286-S*

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Typical Characteristics:

SAE Viscosity	5W-30
Density @ 15°C	0.87
Viscosity @ 40°C	52.3 cSt
Viscosity @ 100°C	11.0 cSt
Viscosity Index	209
Colour	Light Green
Pour Point °C	-35
Flash Point (COC)	215
Copper strip (ASTM D130), 3 hours @ 150°C	1A
ZF Copper corrosion (168 hours/ 150°C)	
Copper strip rating	4B
Copper strip weight loss, mg	7.9
Copper strip weight loss / 15 min ultrasonic bath, mg	9.3
Copper, EOT ppm	251

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email info@royallubricants.com.au

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