



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### UNIVERSAL TRANS PLUS

#### PRODUCT DESCRIPTION

**Hi-Tec Universal Trans Plus** is a 10W/30 grade new generation hydraulic/transmission Universal Tractor Transmission Oil (UTTO) especially designed to meet the Case MAT 3540 performance level as required by many modern tractors with CVT's. It is also suitable for use a wide range of power-driven agricultural equipment fitted with gears, transmissions, differentials, final drives, hydraulic pumps, hydraulic bearings, wet brakes, and power take-off (PTO) clutches.

**Hi-Tec Universal Trans Plus** application does not end at the farm gate. It will improve performance in many off-road applications, particularly in service which places tough demands on power driven components, including off-highway, construction machinery and industrial equipment. As an added bonus, lubricant inventories can be reduced.

#### RECOMMENDATIONS

**Hi-Tec Universal Trans Plus** can be used in a large range of equipment such as John Deere, Massey Ferguson, New Holland, Case, Komatsu, Kubota, Volvo, Allison, Caterpillar, Denison, Sperry Vickers, Plessey and Sundstrand

#### BENEFITS

**REDUCE INVENTORY.** **Hi-Tec Universal Trans Plus** can replace three or more farm lubricants. This not only simplifies tractor and other farm equipment servicing but avoids possible misapplication of lubricants which may result in damage to vehicle components.

**FILTERABILITY.** Superior to competitive fluids, **Hi-Tec Universal Trans Plus** overcomes the tendency for filter plugging; particularly when other fluids contain trace moisture contamination. With **Hi-Tec Universal Trans Plus**, supply of lubricant is assured to all moving surfaces.

**IMPROVED EP ANTI-WEAR PERFORMANCE.** **Hi-Tec Universal Trans Plus** has superior shear stability giving long trouble-free service in the high load conditions experienced in transmissions, especially CVTs, axles and hydraulic systems.

**TRACTOR POWER TAKE-OFF LIFE.** Great extension of take-off life because **Hi-Tec Universal Trans Plus** has the special ability to quickly stall to prevent the clutch from slipping and burning up when a tractor-driven implement hits a large object in the field. **Hi-Tec Universal Trans Plus** provides faster stall times reducing clutch wear and prolonging PTO life.

**BRAKE CHATTER.** Means greater braking difficulty and ultimate premature failure. **Hi-Tec Universal Trans Plus** suppresses chatter without demerits to braking capacity. The balanced friction control ensures proper functioning of the wet brake and PTO clutches.

SEAL SWELL properties of **Hi-Tec Universal Trans Plus** are especially controlled so that seal gasket and wet brake compositions do not deteriorate, thereby avoiding costly repairs and down time.

#### ACCEPTABILITY OF HI-TEC UNIVERSAL TRANS PLUS TO OEMs

Please contact to the Hi-Tec Oils Technical Department for the extensive list of approvals and recommendations claimable by **Hi-Tec Universal Trans Plus**.

Hi-Tec suggests that the equipment manufacturers' recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.



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### TYPICAL PROPERTIES

Property	Limits	Typical Results
Density (kg/Lt) @ 15°C		0.8696
Viscosity (cSt) @ 100°C	9.0 Min	10.1
Viscosity (cSt) @ 40°C	Typically 60	60.5
Viscosity Index	>130	154
Viscosity (cSt) @ 100°C, sheared 20 hours,	>8	8.53
Expected Loss Viscosity (cSt) @ 100°C, (%)	N/A	15.43
Brookfield -20°C, mPas	<4900	4200
Flash Point COC (°C)	180 Min	204
Pour Point (°C)	<-36	-45

**Available in:** Bulk, 200 Litres and 20 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

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