

## product data sheet

## Varplant Hytrans UTTO

### UNIVERSAL TRACTOR TRANSMISSION OIL

**Varplant Hytrans UTTO** is a hydraulic/transmission fluid formulated with high quality mineral oils and specialised additives for use in agricultural, plant and material handling equipment. This grade provides anti-wear and extreme pressure (EP) protection to gear systems, including transmissions and final drives, as well as ensuring that hydraulic system integrity is maintained.

**Varplant Hytrans UTTO** has superior wet (oil immersed) brake performance, assisting in the elimination of 'squawk and chatter' and therefore prolonging the life of frictional materials and other components. The advanced additive system also provides superior resistance to oxidation, rust and corrosion, together with improved antifoam performance.

**Varplant Hytrans UTTO** is recommended for use in a variety of applications where an oil of this performance and quality is specified.

#### Performance

Ford ESN-M2C-159A, M2C-134, A/B/C/D  
Ford ESEN-M2C, 86-A/E  
New Holland NH - 410B, NH 420A  
JCB, MS-1209  
Allison C-4  
API GL4 (N20)  
Denison HF-0, HF-1, HF-2

Massey Ferguson MF1135, MF1139,  
MF1143, MF1145, MF1127A  
Volvo (WB101)  
Volvo Transmission Oil 97303:020  
John Deere JD 303, JD20A, JD20B,  
JD20C, J14B  
Caterpillar TO-2  
Hanomag  
Sperry Vickers M230-S, M2950S

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Typical Data		
Parameter	Unit of measure	Result
<b>SAE Viscosity</b>	-	<b>10w40</b>
<b>Kinematic Viscosity @ 40°C</b>	<b>mm<sup>2</sup>/Sec</b>	<b>108.10</b>
<b>Kinematic Viscosity @ 100°C</b>	<b>mm<sup>2</sup>/Sec</b>	<b>14.10</b>
<b>Viscosity index</b>	-	<b>132</b>
<b>Pour point</b>	<b>°C</b>	<b>-38</b>

## Applications

Powershift transmissions  
 Mechanical transmissions  
 Transaxle and hydraulic systems  
 Hydrostatic drives  
 Power steering boxes  
 PTO systems  
 Brake and clutch units  
 Hydraulic power packs and drives

Additional Products			
<b>Varchain ISO 100 - 220</b>	A range of traditional chainsaw lubricants available in various viscosities.	<b>Varchain BIO ISO 68 - 220</b>	A range of biodegradable chainsaw lubricants offering excellent environmental benefits.
<b>Varplant Hytrans UTTO</b>	Universal Tractor Transmission oil	<b>Varclean TFR</b>	A caustic based traffic film remover available in various strengths.
<b>Varplant Multifarm</b>	A universal multi-grade oil suitable for many four stroke, naturally aspirated and turbo-charged diesel engines	<b>Varol Truck Wash</b>	A versatile alkaline floor and hard surface cleaner. It will also perform as a general degreaser, chassis cleaner and traffic film remover
<b>Varplant 2 Stroke Syntho</b>	Synthetic 2 stroke engine oil	<b>Varplant Lawn 30</b>	SAE30 Lawnmower oil



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