



PENRITE

# TRACTOR TRANSMISSION AND HYDRAULIC OIL

## Premium Mineral Hydraulic Fluid

Issue: May 2015

PRODUCT CODE	PACK SIZE	CTN / QTY
TTH010	10 Litre	1
TTH020	20 Litre	1
TTH205	205 Litre	1
TTH1000LTR	1000 Litre	1



### Description

Tractor Transmission and Hydraulic Oil is a multipurpose, 10W-30 / 75W-80 UTTO (Universal Tractor & Transmission Oil) tractor transmission & hydraulic fluid manufactured using highly refined base oils and the latest technology additive package.

### Application

Tractor Transmission and Hydraulic Oil is designed for use in a wide range of transmissions, hydraulics, PTOs, hydraulic bearings and some final drives of farm tractors and construction equipment, especially those utilising wet brake systems. Can be used as a hydraulic oil where ISO 68 grades are specified.

Tractor Transmission and Hydraulic Oil meets the requirements of Case Hytrans Plus, JD 20C/D and API GL-4 as well as many other specifications. It is also suitable for use in the power steering systems of post EF Ford Falcon and its derivatives where a M2C134-D fluid is specified.

Tractor Transmission and Hydraulic Oil contains anti wear agents that provide wear protection as well as corrosion protection. It also quietens wet brake chatter without affecting braking performance.

### Product Benefits

- Reduces inventory holding as one oil can be used for most applications, also lessening the chance of mis-application.
- Minimises squawk and chatter from wet brake systems.
- Effective anti-wear additives provide wear protection in hydraulic systems.
- Protects against rust and corrosion.
- Long service through good thermal stability.
- Latest technology for maximum protection.

### Typical Data

Colour	Natural
Density at 15°C	0.880
SAE Grade	10W-30/75W-80
Viscosity, Kinematic, cSt	
at 40°C	66
at 100°C	10.8
Viscosity Index	157
Zinc, mass %	0.139
Cold Cranking Viscosity, cP at -20°C	3667
Viscosity, Brookfield, cSt at -18°C	3,100
Viscosity, Brookfield, cSt at -35°C	27,774
Bosch 30 Cycle Visc @ 100°C, After Shear	10.54



See Next page for TTH Industry Active and Obsolete Specifications -

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## Industry Specifications

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<b>API GL-4</b>
<b>AGCO-Allis-Chalmers</b> PowerFluid PF-821 XL, 257541, 246634 Hydr Trans Fluid.
<b>Allison</b> C-4, C-3, C-2.
<b>Case New Holland:</b> MAT 3525 / MAT 3526 / MAT 3505 / Case Hydra Trans, FNHA-2-C-200.00, FNHA-2-C-201.00, NH410 B
<b>Caterpillar:</b> TO-2 / Caterpillar MTO Fluid
<b>Clark</b> TA12 / TA18 / HR500 / HR600
<b>Denison</b> (Pump Only) HF0 / HF1 / HF2
<b>Deutz:</b> Hyd Trans Fluid, Deutz-Allis 25743
<b>Eaton Vickers</b> (Mobile hydraulic systems - Brochure 694 procedure ATS-373 with 35VQ25 pump)
<b>Ford:</b> M2CA thu C, ESN-M2C134-A/B/C/D, ESN-M2C77-A, ESN-M2C86A/B/C, ESN-M2C41-B, ESN-M2C43, ESN-M2C48-B/C, ESN-M2C53-A/B, ESN-M2C142-A, ESN-M2C143, ESN-M2C92A, ESN-M2C159A/B/C.
<b>Fiat-Hesston</b> AF-87
<b>Sperry Vickers / Eaton</b> I286-S & M2950-S
<b>International Harvester</b> IHC B-5, B-6 Hy-Tran
<b>International Farmall</b> JIC-143 thru 145, JIC 185
<b>JI Case</b> MS-1216, MS-1230, MS-1317, MS-143, 144, 145 (TCH Fluid), MS-185 (TFD Fluid), MS-1204, 1205, 1206 (Powergard PFT) /1207 (HyTran Plus) /1209 (HyTran Ultra or Multi) / 1210
<b>John Deere:</b> J27 (10W-30 or 30), JTD303, J14 (A/B/C), J-20 A/B/C/D Hygard, J-121 A, Quatrol
<b>JCMAS</b> (Japanese Construction Mechanization Association) HK P-041 & P042
<b>Komatsu</b>
<b>Kubota</b> UDT Fluid, M80B, Super UDT, Yanmar
<b>Massey Ferguson</b> M-1110, M-1127 A/B, M-1129A Permatran, M-1135 Permatran III, M-1138, M-1139 M-1141, M-1143, M-1145.
<b>Landini</b> Tractor Hydr Fluid
<b>Oliver</b> Type 55, 5J
<b>Minneapolis-Moline / White:</b> Q-1705, 1722, 1766, 1766B (UTHF), 1802.
<b>New Idea</b> Q1802
<b>Sauer Sunstrand / Danfoss</b> Hydro Static Trans Fluid
<b>Renk-Doromat</b> 873 or 874 A/B Bus Automatic Trans Fluid
<b>Valtraiores</b>
<b>Versatile:</b> Gear & Hydr Trans Fluid 23M & 24M
<b>Volvo</b> VCE 1273.03 and VME WB101
<b>ZF Transmissions:</b> TE-ML-03E & TE-ML-05F, TE-ML-06K
<b>Steiger</b> Hydr Trans Fluid, Steiger SEMS 17001
<b>Yanmar</b>
<b>White Farm/Oliver</b> Q-1826



Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect performance. A MSDS is available on request.

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