

AGRI TDH 80W**PRODUCT DESCRIPTION**

Agri TDH 80W is a high quality, multi-functional, specially formulated universal tractor transmission oil (UTTO) for use in transmissions, hydraulic systems and final drives of modern farm and industrial wheel and crawler tractors. Shear stable formulation maintains film thickness under severe transmission and hydraulic system operation, protecting vital components against scuffing and wear. Effective anti-wear additives reduce wear by creating a protective layer on metal surfaces under high load conditions. Very high oxidation stability protects against the formation of gums and varnishes, reducing oil thickening and extending lubricant life. Highly refined base oils and effective oxidation inhibitors provide excellent thermal and oxidation stability, providing superior resistance to the formation of lacquer, deposits, and corrosive oil degradation by-products. Excellent viscosity characteristics at low temperatures ensure rapid oil circulation on start-up, preventing wear and cold operation power loss. Special friction modifier component allows smooth action of wet brakes and power take off clutches minimizing chatter, stick slip and squawk whilst maintaining maximum brake efficiency.

APPLICATIONS & BENEFITS

- Where tractor manufacturers specify the use of a THF/UTTO type product.
- Mixed fleets of agricultural tractors and associated equipment.
- Automotive manual transmissions and gear boxes.
- Mobile hydraulic system.
- Enclosed oil immersed (wet) brakes.
- Power take-off (PTO) clutches.

PACK SIZES AVAILABLE

5L - 20L - 200L

SPECIFICATIONS

- API GL-4
- John Deere JDM J20C
- CNH Case / New Holland MAT 3525, 3526, FNHA-2-C201
- Ford ESN-M2C92A, M2C134-D
- Komatsu AXO80
- Massey Ferguson CMS M1135, M1141, M1143, M1145
- Case MS-1206, MS-1207, MS-1210
- Allison C-3/C-4
- Caterpillar TO-2
- Komatsu Dresser B-06-0001, B-06-0002
- Kubota UDT
- Volvo CE WB101
- ZF TE-ML 03E, 03F, 05F, 06K

TYPICAL CHARACTERISTICS

AGRI TDH 80W	UNITS	VALUES
VISCOSITY	cSt @ 40°C	55.75
	cSt @ 100°C	9.506
SPECIFIC GRAVITY	@ 15°C	866
VISCOSITY INDEX		155
POUR POINT	°C	-47
FLASH POINT	°C	232
Viscosity, Brookfield cP	@ 18°C	2440
Foam Test, ml, Sequence I		5/0
Foam Test, ml, Sequence II		10/0
Foam Test, ml, Sequence III		5/0
Copper Corrosion, 100°C x 3hrs		1a

ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.