

Balmerol® Unitrans 80W

Universal Tractor Transmission Oil

Technical Data Sheet

Product Description:

Balmerol Unitrans 80W oil is multifunctional tractor fluid ideally suited for agriculture and off- road equipments operating under high load conditions. It is specially designed with high quality base stocks and performance additives to meet the diverse performance requirements of Transmission, Differential, Final Drives, Hydraulic System, Wet Brakes and Wet Clutches of modern new generation farm tractors, Forklifts and Off – Road Equipments.

Balmerol Unitrans 80W oil meets the following specifications:

- API GL 4
- John Deere JDM J 20 C
- Massey Ferguson : M 1135 , M 1143 , 1145
- Ford : M2C 86 B , M2C 134D
- Case : MS 1207
- ZF : TE ML 03 E and TEML 06 E
- Caterpillar TO 2
- Allison C4 and C3

Features & Benefits:

Balmerol Unitrans 80W oil is especially formulated to provide following benefits:

- Common oil for Transmission, differential, final drives, hydraulic system, wet brakes and wet clutches.
- Common oil prevent misapplication
- Superior oxidation stability
- Outstanding rust & corrosion protection
- Minimizes wet brake chatter due to balance frictional characteristics
- Excellent high & low temperature performance
- Exceptional anti-wear and extreme pressure properties
- Low foaming tendency and good seal compatibility
- Extended equipment life and reduces maintenance cost

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Applications / Recommendations:

- Primary uses are in agricultural tractors, off-highway machinery, construction and handling machinery that have wet brakes, hydraulics, transmissions. This includes bull dozers, road graders, front end loaders and Forestry equipment that have hydraulics and Power shift transmissions.
- Balmerol Unitrans 80W Oil is not recommended for Engine application.

Typical Properties:

Balmerol Unitrans 80W	
Properties	Unitrans 80W
Colour & Appearance	Clear & Bright
Density @ 30°C (gm/cc), ASTM D 1298	0.885
Kinematic Viscosity, cSt @ 100°C, ASTM D 445	10.0 - 11.5
Viscosity Index, min, ASTM D 2270	95
Flash Point (COC), °C, min, ASTM D 92	220
TBN, mg KOH/g, ASTM D 2896	8.5
Pour Point, °C ASTM D 97	-27

Health and Safety:

Balmerol Unitrans 80W oil is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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