



Martin Operating Partnership L.P.

Technical Service Bulletin

TRACTOR HYDRAULIC FLUID SPECIFICATION GUIDE

NO. TB 150803.3

Gear Oil (SAE GL-1):

Non Extreme Pressure Additive

<u>OEM Specification</u>	<u>Viscosity Grade</u>	<u>Service years</u>
Ford Motor		
- N Series (winter grade)	SAE 80 W	1939 – 1956
- N Series (summer grade)	SAE 90 W	1939 – 1956

Tractor Hydraulic Fluids (SAE GL-3):

Low to Mild Extreme Pressure Additives

John Deere Company		
- JDM J-14B (303 – summer grade)	SAE 90 W	1957 – 1976
- JDM J-14C (303 – winter grade)	SAE 80 W	1957 – 1976
- JDM J-20A (Quatrol - summer grade)	SAE 90 W	1976 – 1990
- JDM J-20B (Quatrol - winter grade)	SAE 80 W	1976 - 1990
Case (CNH Global)		
- M4864A (TCH - winter grade)	SAE 80 W	1976 - 1990
- M4864B (TCH II - summer grade)	SAE 90 W	1976 - 1990

Universal Tractor Transmission Fluids (SAE GL-5):

Anti-Wear / Extreme Pressure

John Deere Company		
- JDM-20C (HyGard – summer grade)	SAE 10W-20/10W-30	1990 - 2014
- JDM-20D(HyGard – All-Season)	SAE 5W-20	1990 - current
Case (CNH Global)		
- M2C-134D (PowerGard PTF)	SAE 10W-20/10W-30	1976 - current
- MS-1207 (HyTran Plus)	SAE 10W-20/10W-30	1986 - current
- MS-1209 (HyTran Ultra – All Season)	SAE 5W-20	1999 - current
Kubota		
- UDT	SAE 10W-20/10W-30	1998 - ~ 2014
- Super UDT-2	SAE 5W-20	1999 - current

Universal Tractor Transmission Fluids:

Ashless / Low Zinc Content

John Deere Company		
- JDM J-21A (All Season)	SAE 5W-20	2002 - current
- JDM J-21C (summer grade)	SAE 5W-20	2002 - current
Case (CNH Global)		
- MAT-3540 (Akcela Hy-Tran Ultra)	SAE 5W-20	2002 - current

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