



## TRACTOR HYDRAULIC FLUID

(11/28/2011 edition)

Parts Plus Tractor Hydraulic Fluid is a new and much improved universal tractor fluid that is designed for use in all kinds of farm equipment, off-highway machinery, industrial tractors, final drives, power take-off units, wet brakes, power steering units and hydraulic systems. This multifunctional tractor hydraulic fluid is the one single fluid that may be used to lubricate all conventional points on an agricultural or industrial tractor as well as in any vehicle that has a common sump. New and state-of-the-art chemistry combined with high quality base stocks and extremely shear-stable viscosity modifiers offer a performance level that agriculture and industrial users have not seen before. This fluid is suitable for use in all major OEM equipment including but not limited to Kubota, Oliver, Minneapolis-Moline, International Harvester, White Farm, John Deere, Deutz-Allis Chalmers, Ford-New Holland, J.I. Case and Massey Ferguson. For a more complete listing see the Amalie Performance Application Chart.

Parts Plus Tractor Hydraulic Fluid has been formulated with new and state-of-the-art additive chemistry combined with high quality base stocks and extremely shear stable viscosity modifiers to offer protection and convenience heretofore only seen in expensive and hard to find European universal tractor fluids. Parts Plus Tractor Hydraulic Fluid offers a performance level greater than most U.S. agriculture and industrial users have seen. Now, it is available to Amalie customers every day. This new and improved fluid offers the convenience of using one tractor fluid in place of two or more fluids while maintaining optimum component performance and durability.

*Some performance levels are limited by viscosity grades. Please consult the Parts Plus Performance Application Chart, the Parts Plus Inspection Data Table for the appropriate product or contact your District Manager for more complete information and recommendations.*

## TYPICAL INSPECTION DATA

	API Gravity	Flash Point,C.	Viscosity cSt @100C	Viscosity cSt @40C	VI	Brookfield Viscosity, cP.	TBN (D2896)	Pour Point,C
Tractor Hydraulic Fluid						@-20C/-35C		
10W-20/30	29.5	200	9.30	52.4	140	5500/70,000	11.5	-40

## PERFORMANCE APPLICATION CHART

**Parts Plus Tractor Hydraulic Fluid meets or exceeds the following specifications:**

**API GL-4 (Gear Oil)**

**Agco-Allis PF 821XL**

**Allison: C-4 (qualified), C-3, C-2**

**Case New Holland (CNH) – MAT 3505 (MS 1209), MS-1 207 (Hy-Tran® Plus), 3506 (MS 1210) MS-1206 (PTF), MS-1205 (TFD-II), MS-1204 (TFD ), 3509 (MS 1230, M2C48-C), 3510 (MS-1317, GL-4)**

**Caterpillar: TO-2**

**Clark – TA 12, TA 18, HR 500, HR 600**

**Dennison: HF-0, HF-1, HF-2**

**Deutz-Allis Chalmers: HTF Power Fluid 821 XL, 272843, 257541, 246634**

**Fiat M2C134-D FNHA-2-C-201.00, Spec 24M, and Spec 23M**

**Ford-New Holland: M2C134-A,B,C,D, M2C41-B, M2C43, M2C48-A/B, M2C53-A/B, M2C77, M2C86-B/C, M2C91 -A**

**International Harvester: B-6 (Hy-Tran), B-5**

**J.I. Case: JIC143 (TFD), JIC144, JIC 145 (TCH), JIC 185 (TFD), MS1204, MS1205, MS1206 (Powergard), MS1207, MS1209, MS1210 (TCH)**

**John Deere: J20C (Hy-Gard), J20D, J20 A/B, J21A, J22, J14B/C, JD Type 303**

**KOMATSU UDT**

**Kubota UDT and Super UDT**

**Massey Ferguson M-1141 (Permatran®III), M-1135, M1143, M1145, M1129 -A, M-1127-A/B, M-1 110**

**Minneapolis-Moline**

**Oliver Type 55**

**Renk Doromat: 873, 874A, 874B**

**Sperry Vickers: 35VQ25, M-2952 -S, I-286-S**

**Steiger HTF**

**Vickers I-29986-S, M-2950-S**

**Volvo VME and WB -101**

**White Farm (AGCO) UHTF, Q-1826, Q-1802, Q-1766B, Q-1722, Q-1705, Type 55**

**ZF – TE-ML 03E, 05F, 06K, 17E**

As well as recommended for use in the following applications: Belarus, David Brown, Dresser CED, Fendt (Non -Vario), Hesston Fiat AF-8T, IMT, Kiota, Landini, Leyland, McCormick Farmall, Mitsubishi, New Idea, Renault, Universal, Versatile, Valmet, VickersSundstrand – Hydrostatic Transmission Fluid, Yanmar.

The data presented herein are believed to be accurate; however, Parts Plus shall not be liable for its content and makes no warranty with respect thereto.

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