

Tractor Hydraulic Fluids

Super Universal Tractor Fluid -Plus Multi-Purpose Tractor & Hydraulic Transmission Oil / JD-20 Tractor Hydraulic Fluid

(1/24/2012 edition)

XCEL Super Universal Tractor Fluid – Plus is a new and improved universal tractor fluid that has world-wide credentials. It 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. 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. 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.

XCEL Multi-Purpose Tractor & Hydraulic Transmission Oil / JD-20 is Xcel's mid-range multipurpose tractor fluid. It is the perfect fluid for agriculture, industrial off-road and other construction equipment requiring a multipurpose tractor fluid but are either older or do not require a fluid quite as robust as Xcel's Super Universal Tractor Fluid - Plus. Xcel Multi-Purpose Tractor & Hydraulic Transmission Oil / JD-20, will work well in and is recommended for the majority of the equipment manufactured by the various OEM manufacturers. This product is especially well suited and recommended for use wherever John Deere 303, JD-20 or IH Hy-Tran fluids are specified.

XCEL Tractor Hydraulic Fluid is Xcel's entry level universal tractor fluid. It is the perfect economy fluid for agriculture, industrial off-road and other construction equipment requiring universal tractor fluid but are either older or do not require a fluid as robust as either Xcel's Super Universal Tractor Fluid - Plus or Xcel's Multi-Purpose Tractor & Hydraulic Transmission Oil / JD-20. Xcel's Tractor Hydraulic Fluid will work well in and is recommended for the majority of the equipment manufactured by the various OEM manufacturers. This product is especially well suited and recommended for use wherever performance and economy are specified.

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

TYPICAL INSPECTION DATA

	API Gravity	Flash Point, °C.	Viscosity cSt @100°C	Viscosity cSt @40°C	VI	Brookfield Vis, cP @ -20°C/-35°C max	Pour Point, °C
Super Universal Tractor Fluid – Plus							
10W-20/30	30.3	200	9.50	61.0	137	5500/70,000	-45
Multi-Purpose Tractor & Hydraulic Transmission Oil / JD-20							
10W-20/30	31.2	200	9.20	60.0	134	5500/70,000	-42
Tractor Hydraulic Fluid							
10W-20/30	29.5	200	9.70	64.0	134	5500/70,000	-40

PERFORMANCE APPLICATION CHART

SPECIFICATIONS	Super Universal Tractor Fluid – Plus*	MP Tractor & Hydraulic Transmission Oil / JD-20	Tractor Hydraulic Fluid
API GL-4 (Gear Oil)	√	√	√
Allison: C-2, C-3, C-4 (Qualified)	√	C-2	-
Agco-Allis PF 821XL	√	-	-
Case New Holland (CNH) – MAT 3505 (MS 1209), MS-1207 (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	√	√	HF-0
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 303	√	JD20	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-1110	√	-	-
Minneapolis-Moline	√	-	-
Oliver Type 55	√	-	-
Renk Dromat: 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.