



# Ultra All-Trac 245 TRACTOR HYDRAULIC FLUID

(07/09/2021 edition)

**Amalie Ultra All-Trac 245 UTF** is a premium universal tractor fluid formulated to meet the performance requirements of many OEM brands. It is designed for use in various models of farm equipment, off-highway machinery, industrial tractors, final drives, power take-off units, wet brakes, power steering units and hydraulic systems. State-of-the-art chemistry, high quality base stocks, and shear-stable viscosity modifiers offer a performance level equal to or exceeding current OEM standards. This fluid is suitable for use in 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.

(Performance Chart on Page 2.)

## Benefits

- Reduced inventory – one product for many uses.
- Proven protection for gears and bearings.
- Prevents excessive chatter and grabbing.
- Inhibits sludge formation.
- Anti-wear protection for pumps, gears and bearings.
- Excellent cold temperature performance.

## Typical Physical and Chemical Properties

Kinematic Viscosity @100°C, cSt.....	9.2
Kinematic Viscosity @40°C, cSt.....	51.0
Viscosity Index.....	165
Flash Point, °C (°F).....	210 (410)
Pour Point, °C (°F).....	-45 (-49)
Density, S.G.....	0.863
Brookfield, cP @ (-35°C) .....	18,000
Foam Sequence II, ml.....	5/0
Color.....	Amber

Typical values are listed. Variations not affecting the performance of this fluid may occur during production.

## Additional Information

Please use proper handling and care that you would use with any hydraulic fluid. Contact your Sales Representative for SDS.

## PERFORMANCE APPLICATION CHART

Amalie Ultra All-Trac 245 meets or exceeds the following specifications:

- API GL-4 (Gear Oil)
- AGCO Powerfluid 821XL
- Allison: C-4
- Case IH: MS-1205 (TFD-II), MS-1206 (PTF), MS-1207 (Hy-Tran® Plus), MS 1210, MS 1230, MS-1317
- Case New Holland (CNH) – MAT 3505, MAT 3506, MAT 3509, MAT 3510, MAT 3525, MAT 3540, FNHA-2-C-200.00, FNHA-2-C-201.00
- 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-D, M2C86-B/C, M2C41-B, M2C43, M2C48-A/B, M2C53-A/B, M2C77, , M2C91-A
- HCE-102, HCE-102W
- 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: JDM J20C (Hy-Gard), J20D (SUS)
- KOMATSU UDT
- Kubota UDT and Super UDT
- Massey Ferguson: M-1135, M-1141 (Permatran®III), M1143, M1145
- Minneapolis-Moline
- Oliver Type 55
- Renk Doromat: 873, 874A, 874B
- Sperry Vickers: 35VQ25, M-2952-S, I-286-S
- Steiger HTF
- Valtra: G2-08
- Vickers I-29986-S, M-2950-S
- Volvo: VCE WB-101
- White Farm (AGCO) UHTF, Q-1826, Q-1802, Q-1766B, Q-1722, Q-1705, Type 55
- ZF: TE-ML 03E, 05F, 06E, 06F, 06K, 17E, 21F

Also 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, Vickers Sundstrand – Hydrostatic Transmission Fluid, Yanmar.