

## PURUS® PREMIUM FULL SYNTHETIC LOW TEMP TRACTOR HYDRAULIC FLUID

Manufactured with highly refined base oils

**DESCRIPTION:** PURUS® Premium Full Synthetic Low Temp Tractor Hydraulic Fluid is a low viscosity product formulated to lubricate transmissions, differentials, wet brakes and final drive gears at very low temperatures. The outstanding low temperature performance is provided by the use of full synthetic base oils and extremely shear stable viscosity index improvers. The additive package provides excellent friction control, oxidation resistance, wear protection, rust and corrosion inhibition, and resistance to foaming.

**PERFORMANCE BENEFITS:** PURUS® Premium Full Synthetic Low Temp Tractor Hydraulic Fluid is recommended in the applications which call for J20D and AIOD has seen, data driven, excellent performance using this product.

- Specially formulated for low temperature performance
- High viscosity index and shear stability
- Excellent anti-wear and extreme pressure properties
- Outstanding wet brake and chatter control
- Advanced rust and corrosion control

**TYPICAL  
PROPERTIES\*:**

Gravity, API°	34.8
Specific Gravity @ 60°F	0.8509
Density, lb/gal	7.05
Flash Point °F	420
Pour Point °F	-53
Viscosity	
@ 40°C, cSt	35.25
@100°C, cSt	7.4
Viscosity Index	184
Viscosity, Brookfield	
cP at -40°C	11,500
Color	Amber

\*Due to continual product research and development, the information contained herein is based on products purchased in the U.S and subject to change without notification. Typical properties may vary slightly.



This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all of our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

Updated: 11/2019  
PHDFSTHF pg. 1

## **PURUS® PREMIUM FULL SYNTHETIC LOW TEMP TRACTOR HYDRAULIC FLUID**

**Manufactured with highly refined base oils**

**APPLICATION:** PURUS® Premium Full Synthetic Low Temp Tractor Hydraulic Fluid is not OEM approved, but is recommended by AIOD for THF applications. PURUS® Premium Full Synthetic Low Temp Tractor Hydraulic Fluid may be used in transmissions and hydraulic systems of equipment made by:

**Allison** – Hydraulic Trans Fluid; GMC, Type C, C-1, C-2, C-3, C-4±

**Allis-Chalmers** - #272843, Part # 924282 (Power Fluid No. 821), Part # 246634

**AGCO®**- Permatran® 821XL

**API** GL-4

**Caterpillar** –TO-2

**Clark Transmissions**

**Denison** HF-0, HF-1, HF-2 (except Demulsibility)

**Deutz-Allis** – 272843 (Power Fluid 821XL), 25741, 246634, 25743

**Dresser**

**J.I. Case** – Hi-Lo CH Fluid JIC 145, Case-O-Matic Type A, JIC 143, JIC 144, JIC 185 (TFD), MS-1204, MS-1205 (TFD-II), MS-1206 (Powergard® PTF), MS-1207 (Hy-Tran® Plus), MS-1209 (Hy-Tran® Ultra), MS-1210 (TCH Fluid), MS-1216, MS-1230, MS-1317

**Ford New Holland** – M-2C41 Selecto-Speed Fluid, ESN M-2-C41A, M-2C41-B, Ford ESN-M2C-43 M-4864A, M-2C48A, M-2C48B, M-2C65A, M-2C77A, M-4864B, Ford ESN-M2C53 A&B, M-2C65B, M-2C78A, M-2C86A/B/C, Ford ESN-M2C-92A, M-2C134-A/B/C/D, Ford ESN-M2C-142A, Ford ESN-M2C-143, Ford ESN-M2C-159 A-C, FNHA-2-C-200 & 201, NH Multi-G 134

**Hesston Fiat** AF-87

**Industry of Machinery and Tractors (IMT)**

**International Harvester** – Hy-Tran®, (B-6)

**JCMAS** HK P-041 & P-042

**John Deere** – J-20 D, Fluid Type (J-14C), Part #AR-284254, Part #AR-269444, J-14B, J-20A, J-20C (Hy-Gard®), Quatrol® Requirements, J21A

**Kioti**

**Kubota** UDT Fluid, Super UDT Fluid

**Komatsu**

**Landini**

**Massey Ferguson** – M-1103A, M-1103B, M-1110, M-1127, M-1129A, M-1135 Permatran® III, M-1138, M-1141, M-1143, M-1145

**Oliver** – Where Additive Part # 102082A is mixed with 10W, 5W20, 10W30 oil; in 1 part to 16 parts oil, Type 55 and Renk 874 A/B Transmission

**Renk-Doromat** 87.3

**Sperry Vickers/ Eaton** I-286S Industrial Hydraulics & M2950S Mobil Hydraulics

**Steiger** – Hydraulic Trans Fluid. Gear, Hydraulic and Wet Brake Oil

**Sundstrand Pumps**

**Valmet**

**Valtractores**

**Volvo** VCE 1273.03, WB101 (except for motor grade rear axle)

**Versatile** – Specs. 23M or 24M

**White Farm** – Hydraulic Oil Type 55 Fluid, White Universal Fluid, Q-1705, Q-1722 White Farm Q-1760, Q-1766B, Q-1802, White UTHF, Q-1826

**Yanmar**

±Allison does not recommend Tractor Hydraulic Fluid for C-4 service. The trademarks above are owned by the indicated companies.