

PURUS[®]

CUT THE COST, NOT THE QUALITY.

"YOU CAN TAKE IT TO THE LAB."



PURUS[®] PREMIUM TRACTOR HYDRAULIC FLUID

Engineered for Performance – Protection – Productivity – Profitability



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.

PURUS Premium Tractor Hydraulic Fluid is purpose built to meet industry drivers and challenges:

- Cold Weather Equipment Operation
- Multi-Function Tractor & Hydraulic System Protection
- Longer Fluid Life & Equipment Reliability
- Mixed Fleet Compatibility & Simplified Inventory Management

The cost of breakdowns and component repairs can result in thousands of dollars—and even more devastating—untimely downtime during high-production operations. This can be one of the critical factors that determine profitability and economic survival amid the many challenges equipment owners face. **PURUS Premium Full Synthetic Low Temp Tractor Hydraulic Fluid** will not become the weak link in ensuring your equipment can go the distance from season to season.

PERFORMANCE BENEFITS

| Purus Premium Tractor Fluid | Why Purus Premium Tractor Fluid Technology Delivers | Purus Premium Tractor Fluid Benefits and Advantages |
|--|---|--|
| Cold Weather Equipment Operation | <ul style="list-style-type: none"> • Full synthetic base oils • Extremely shear stable viscosity index improvers • Very low pour point (-65°F) | <ul style="list-style-type: none"> • Provides excellent hydraulic and transmission performance in extremely cold temperatures • Enables faster startup lubrication and smoother operation during cold starts • Reduces wear caused by poor low-temperature fluid flow • Ideal for agricultural, construction, and utility equipment operating in severe winter climates |
| Multi-Function Tractor & Hydraulic System Protection | <ul style="list-style-type: none"> • Advanced friction control additive package • Anti-wear and extreme pressure protection • Wet brake and chatter control technology | <ul style="list-style-type: none"> • Protects transmissions, differentials, wet brakes, and final drives with one fluid • Reduces component wear under high-load operating conditions • Minimizes brake chatter and improves operator comfort • Helps extend equipment service life and reduce maintenance costs |
| Longer Fluid Life & Equipment Reliability | <ul style="list-style-type: none"> • Outstanding oxidation resistance • Advanced rust and corrosion inhibitors • Foam resistance technology | <ul style="list-style-type: none"> • Extends fluid service life under severe operating conditions • Protects critical hydraulic and drivetrain components from corrosion • Reduces foaming and improves hydraulic responsiveness • Helps reduce downtime and improve operational productivity |
| Mixed Fleet Compatibility & Simplified Inventory Management | <ul style="list-style-type: none"> • Broad application compatibility • J20D performance recommendation • Extensive cross-reference coverage for major OEM equipment | <ul style="list-style-type: none"> • Allows one fluid to service a wide range of agricultural and off-highway equipment • Simplifies inventory management and reduces misapplication risk • Supports equipment from John Deere, Kubota, Case IH, Massey Ferguson, New Holland, Volvo, Komatsu, and many others • Improves fleet maintenance efficiency across mixed equipment operations |

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APPLICATIONS

PURUS Premium Tractor Hydraulic Fluid:

- 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 T0-2
- 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 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, Super UDT2
- 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

TYPICAL PROPERTIES*

| | |
|----------------------------------|--------|
| Gravity, API [°] | 35.1 |
| Specific Gravity @ 60 °F | 0.8628 |
| Viscosity, Brookfield cP @ -40°C | 18,000 |
| Viscosity at 40 °C, cST | 35.1 |
| Viscosity at 100 °C, cST | 7.1 |
| Viscosity Index | 170 |
| Flash Point, °F | 422 |
| Pour Point, °F | -65 |
| Density, lb/gal | 7.19 |
| 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.

| PRODUCT | 5 GAL PAIL | 55 GAL DRUM | TOTE | BULK |
|----------------|------------|-------------|----------|-------|
| Synthetic J20D | PHD27271 | PHD17271 | PHD57271 | 17271 |