



DURAGARD® **UNIVERSAL** **TRACTOR FLUID**

PREMIUM SYNTHETIC BLEND

Duragard® Universal Tractor Fluid Premium Synthetic Blend is formulated with select synthetic base fluids and Very High Viscosity Index (VHVI) clear base oils and the most advanced and rigorously-tested additive system to deliver unsurpassed protection and performance, and which provides superior low temperature fluidity and high temperature film strength that cannot be achieved using conventional base oils. It is specifically formulated for farm equipment, off highway construction machinery, and industrial tractors where transmissions, final drives, wet brakes and hydraulics are supplied from a common fluid reservoir.

Duragard® Universal Tractor Fluid Premium Synthetic Blend is a true multipurpose low and high temperature range lubricant for combined transmission, hydraulic, differential, and final drive service over an extremely wide temperature range not possible with conventional fluids. Recommended for all applications requiring API GL-4 or SAE 80W grade lubricants in all gear applications except hypoid gear designs.

Customer Benefits

- * Maintains even, continuous power transmission over wide temperatures.
- * Improved fluid filterability in all temperature extreme conditions.
- * Outstanding wet brake and transmission performance.
- * Prevents brake chatter and grabbing.
- * Significantly reduces bearing and gear wear.
- * High thermal & temperature stability.
- * Excellent anti-wear properties.
- * Outstanding multi-purpose lubricant.
- * Reduces inventory, misapplications, saves money.



Product Code: DURUNIHYD

Product Containers Available:



5 gal.



2.5 gal.
2 pack



55 gal.



BULK

www.duragardoil.com

Made in USA with domestic and imported products.

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Diamond Plate Protection®

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Rev 09/2019 PG-1



Typical Physical Specifications:

Product Code: DURUNIHVD

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	31.5
Specific Gravity @60°F (15.6°C)	ASTM D4052	0.8681
Flash Point °C (°F)	ASTM D92	210 °C (410 °F)
Viscosity @ 40°C cSt	ASTM D445	61.05
Viscosity @ 100°C cSt	ASTM D445	9.747
Viscosity Index	ASTM D2270	144
Pour Point °C (°F)	ASTM D5950	-42 °C (-54 °F)
Brookfield Viscosity at -40°C cP	ASTM D2983	40,000
Color	ASTM D1500	Orange
Zinc, wt. %	ASTM D5185	0.149
Phosphorus, wt. %	ASTM D5185	0.12
Calcium, wt. %	ASTM D5185	0.36
Sulfur, wt. %	ASTM D4951	0.288
Boron, wt. %	ASTM D5185	0.01
Sulfated Ash, wt. %	ASTM D874	1.41

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

Application Specifications:

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

API GL-4

CAT TO-2

Massey Ferguson M-1110, M-1127, M-1127A, M-1127B

Massey Ferguson M-1129, M-1129A, M-1135, M-1141

AGCO 821XL

Allison C-4, C-2

Deutz, Allis-Chalmers Power Fluid 821

ABEX/Denison HF-0, HF-1, HF-2

Case JIC 144, 145

Case MS-1209, 1210, 1207, 1204

Hitachi

MAT 3525, 3505

#1 In Customer Service And Technical Support

ADVANTAGE

Advantage Distributing and Lubricants, LLC

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Rochester, MN 55904
1-800-420-1414
507-289-5555



Duragard® Universal Tractor Fluid Premium Synthetic Blend

Application Specifications:

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

MS-1230 (Poclain Equipment) Hydraulic Fluid for High Pressure Systems

John Deere J20C/J20A/J21A

John Deere J14C, 303

International Harvester Hy-Tran B-6

Ford New Holland M2C41A,B, M2C48B, M2C53A, M2C86A

Ford New Holland M2C86B, M2C134A, B, C, D (NH-410B)

Hesston-Fiat AF-87, Oilofiat Tutela Multi-F

Grove Manufacturing Hydraulic Fluid

Komatsu AXO80 and prior, Dresser, Landini

Kubota UDT

Kubota Super UDT-2 ** (see note below for requirements)

Steiger Hyd-Trans SEMS 17001

Sauer/Danfoss (Sundstrand) – Hydrostatic Transmission Fluid

Versatile – ESN-M2C134D (FNHA-2-C-201.00)

Versatile Gear and Hyd-Trans

Vickers 35VQ25

Oliver/White Q-1826, Q1766, Q1722, Q1766B, Q1705, Q1802, Type 55

Sperry Vickers – M-2950-S Mobil Hydraulics, I-286-S Industrial Hydraulics

Clark – Lift Truck Transmission Fluid TA 12, TA 18, HR 500, HR 600

Volvo WB101

ZF – TE-ML-03E Torque Converter Transmission

ZF TE-ML-05F Off-Road Axles, exception of hypoid gears

Valmet

Yanmar

New Idea Power Units

Leyland

Belarus

Fiat

** Duragard Universal Hydraulic Tractor Fluid meets the -42°C pour point and exceeds the antiwear requirements of Super UDT-2.

Consult your manufacturer's specifications before using this product.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

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