



**DURAGARD** IS A REGISTERED TM OF ADVANTAGE DIST, LLC, ROCH., MN 55904 **Product Code: DURUNIHVD**

# **DURAGARD**®

## **UNIVERSAL TRANS/HYDRAULIC SYN BLEND FLUID**

**ADVANCED TECHNOLOGY, PREMIUM SYNTHETIC BLEND LUBRICANTS**

**DURAGARD**® **UNIVERSAL TRANS/HYDRAULIC TRACTOR FLUID** is blended 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.

**DURAGARD**® **UNIVERSAL TRANS/HYDRAULIC TRACTOR FLUID** is specifically formulated for late model farm equipment, off highway construction machinery, and industrial tractors where transmissions, final drives, wet brakes and hydraulics are supplied from a common fluid reservoir. 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. It is dyed dark orange for identification.

**Customer Benefits with **DURAGARD**® **DIAMOND PLATE PROTECTION**®**

- \* Synthetic blend base fluid resists fluid breakdown better at high loads and temperatures.
- \* Reduces bearing and gear wear, and significantly reduces wet clutch & brake wear.
- \* Protects all components against corrosion during idle periods.
- \* Economical, multiple applications, superior low and high temperature performance.
- \* Reduces inventory, misapplications, and saves money by having a single fluid.
- \* Minimizes pump wear with full synthetic like performance, but at a lower cost.
- \* Prevents system deposits and dramatically reduces component wear.
- \* Improved fluid filterability in all temperature extreme conditions.
- \* Prevents foaming, dyed dark orange for positive identification.
- \* Outstanding wet brake and transmission performance. Prevents brake chatter, grabbing.
- \* Maintains even, continuous power transmission over a wider temperature range.
- \* Significantly reduces wet clutch and brake wear compared to group-I based fluids.
- \* The orange color helps identify any potential leaks for quick remedy.

## Application Specifications:

### **DURAGARD® UNIVERSAL TRANS/HYDRAULIC TRACTOR FLUID**

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

API GL-4	Kubota UDT
CAT TO-2	Kubota Super UDT-2 ** (see note below for requirements)
Massey Ferguson M-1110, M-1127, M-1127A, M-1127B	Steiger Hyd-Trans SEMS 17001
Massey Ferguson M-1129, M-1129A, M-1135, M-1141	Sauer/Danfoss (Sundstrand) – Hydrostatic Transmission Fluid
AGCO 821XL	Versatile – ESN-M2C134D (FNHA-2-C-201.00)
Allison C-4, C-2	Versatile Gear and Hyd-Trans
Deutz, Allis-Chalmers Power Fluid 821	Vickers 35VQ25
ABEX/Denison HF-0, HF-1, HF-2	Oliver/White Q-1826, Q1766, Q1722, Q1766B, Q1705, Q1802, Type 55
Case JIC 144, 145	Sperry Vickers – M-2950-S Mobil Hydraulics, I-286-S
Case MS-1209, 1210, 1207, 1204	Industrial Hydraulics
Hitachi	Clark – Lift Truck Transmission Fluid TA 12, TA 18, HR 500, HR 600
MAT 3525, 3505	Volvo WB101
MS-1230 (Poclain Equipment) Hydraulic Fluid for High Pressure Systems	ZF – TE-ML-03E Torque Converter Transmission
John Deere J20C/J20A/J21A	ZF TE-ML-05F Off-Road Axles, exception of hypoid gears
John Deere J14C, 303	Valmet
International Harvester Hy-Tran B-6	Yanmar
Ford New Holland M2C41A,B, M2C48B, M2C53A, M2C86A	New Idea Power Units
Ford New Holland M2C86B, M2C134A, B, C, D (NH-410B)	Leyland
Hesston-Fiat AF-87, Oilofiat Tutela Multi-F	Belarus
Grove Manufacturing Hydraulic Fluid	Fiat
Komatsu AXO80 and prior, Dresser, Landini	

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

### Product Containers Available:

Bulk \* 55 gal. \* 30 gal. \* 5 gal. pails \* 2.5 gal/2pk

### Typical Physical Specifications:

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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.

**READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION**

# ADVANTAGE

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[http://duragardoil.com/duragard\\_syn\\_blend\\_uni\\_tractor\\_1615\\_ghs.php](http://duragardoil.com/duragard_syn_blend_uni_tractor_1615_ghs.php)

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