

Premium Blue

Universal Transmission/Hydraulic Fluid

No. 318

SAE 15w/30

DESCRIPTION:

Premium Blue is a multi-purpose, high performance, transmission/hydraulic fluid. This product is specifically formulated for use in farm equipment and off-highway equipped incorporating hydraulic systems, wet clutches, transmissions and/or wet brakes. This product will provide superior performance in power-driven off-highway equipment, construction machinery and industrial equipment.

FEATURES:

Premium Blue is formulated with premium quality high viscosity index hydroprocessed group II base oil and selected additives. This blend provides the following benefits:

- * **E.P. Protection:** Excellent extreme pressure protection for the gears
- * **Anti-wear Protection:** Anti-wear additives protect metal parts from wear and scuffing under heavy load
- * **Anti-oxidation Protection:** Oxidation inhibitors protect against oil oxidation and oil thickening, and the formation of sludge and varnish
- * **Rust and Corrosion Protection:** Anti-corrosion additives protect metal surfaces during operation and shut down from rust and corrosion
- * **Clutch and Wet Brake Friction Retention:** Selected additives maintain smooth, positive shifting of oil clutches and control of wet brakes chatter
- * **High Viscosity Index:** Greater protection at low temperatures and increased fluid efficiency at elevated temperatures
- * **Excellent Adhesive/Cohesive Film Strength:** Greater stay-in place lubrication
- * **Foam Suppressant**
- * **Seal Conditioner**

TYPICAL APPLICATIONS:

Deutz-Allis:

25743, 257541, & 246634 Hydra Trans fluid

Denison:

HF-0, HF-1, HF-2.

Ford/New Holland:

M2C134-A/B/C/D, M2C86A/B/C, M2C77-A
M2C53-A, M2C48-B/C, M2C41-B.

John Deere:

J20A, J14 (A/B/CJDT303), J20 (A/B, Hygard)
J20C, J20D, QuatroTM, J2.1 & J27 (10w or 30).

International Harvester:

B-5, B-6 (Hy-Tran).

J.I. Case-JIC:

143, 144, 145 (TCH Fluid), 185 (TSD),
MS1204, 1205, 1206 (Powergard PFT)
1207 (Hy-Tran Plus), 1210.

API: GL-4

Allison: C-4 & C-3

Caterpillar: TO-2

Kubota:

UDT & UDT² Hydraulic/Transmission Fluid.

Oliver:

Type 55, Type 5J, & Q 1802

Massey-Ferguson:

M-1110, M-1127A&B, M-1129A (Permatran)
M-1135 (Permatran III), M-1139, 1141, 1143 & 1145.

Volvo:

VME, VCE, (including latest wet brake requirements)
ZF TE-ML-03 and TE-ML-0

Renk:

Bus Automatic Trans Fluid

Steiger:

HydraTrans Fluid

Sundstrand:

Hydrostatic Transmission Fluid

White:

Q-1705, 1722, 1766, 1766B (UTHF), 1802, 1826

SUMMARY OF PREMIUM BLUE PERFORMANCE DATA:

Premium Blue meets or exceeds the test requirements set forth by the following equipment manufacturers:

Tractor Testing:

John Deere

Spiral Bevel/final Drive Gear Wear	Exceeds Requirements
Brake Chatter	Exceeds Requirements
Brake Capacity	Exceeds Requirements
Quatral™	Exceeds Requirements
J20A	Exceeds Requirements
J20B	Exceeds Requirements
J20C	Exceeds Requirements
J20D	Exceeds Requirements
PTO	Exceeds Requirements

Ford New Holland

3000 Gear Wear	Exceeds M2C134D
7710 IPTO	Exceeds M2C134D
4610 IPTO	Exceeds M2C134D
7710 Brake Chatter	Exceeds M2C134D

Massey-Ferguson

ASTM/CEC Final Drive Gear Wear	Exceeds M1141
Chatter and Torque	Exceeds M1141
PTO Clutch	Exceeds M1141

Transmission/Final Drive Testing:

Allison C-4 Transmission

C-4 Clutch Friction Test	Exceeds ATD C-4
C-4 THOT	Exceeds ATD C-4
Power Steering Pump Wear	Exceeds ATD C-4
Seal Testing	Exceeds ATD C-4

Caterpillar Clutch

(TO-2)	Exceeds CES TO-2
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CRC L-20

Exceeds API GL-4 High Torque Requirements

TYPICAL SPECIFICATIONS:

SAE Grade:	15w/30
ISO Viscosity Grade:	68
Viscosity @ 100° C, cSt:	9.6
Viscosity @ 40° C, cSt:	67.0
Viscosity Index:	158
Gravity, ° API:	29.2
Flash Point, COC, ° F:	430
Pour Point, ° F:	-35
Corrosion, 3 hrs. @ 212 ° F:	1a
Rust Test:	Pass
Vickers Pump Test:	Pass
Color:	Blue

Values shown here are typical, and may vary.

PERFORMANCE PRODUCTS GUARANTEED