UNIVERSAL HYDRAULIC & TRANSMISSION FLUID



Lucas Universal Hydraulic & Transmission Fluid is blended with the highest quality base oils and the highest quality additive package. It is further fortified with the following additives and ingredients that assures equipment owners and operators of reduced downtime and extended equipment life:

Seal Conditioning Additive: Keeps seals soft and pliable, preventing them from hardening and cracking;

Extreme Pressure Additive: Should the oil film rupture during shock loads or over-loads, the extreme pressure additives take over, preventing metal to metal contact;

Adhesive and Cohesive Additives: Retards splattering and dripping, makes oil cling tenaciously to gears, bearings, bushings and other metal parts;

Special Blend of Polymers: These add lubricity to the oil and transfer heat immediately to the casing for dissipation. This cooler operating condition allows for longer life of the components, as well as longer life of the oil itself.

PART NUMBER AND SIZE:

10017 – 1 Gallon (Case of 4)

10037 – 5 Gallon

10038 – 55 Gallon

10304 – 330 Gallon

20017 (CAN) – 1 Gallon (Case of 4)

FEATURES AND BENEFITS:

- Meets and exceeds all OEM specifications for power shift transmissions
- Extends equipment and fluid life
- Reduces downtime and major overhaul

MAIN APPLICATIONS:

A multipurpose powershift transmission/hydraulic fluid intended for a wide range of power-driven equipment. Exceeds performance requirements for agricultural, construction and other off-highway and industrial equipment.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets all OEM specifications for powershift transmissions including gears, pumps, differentials, final drives, bearings, wet brakes, transmissions and PTO clutch applications. Meets and exceeds JOHN DEERE specifications J20A, J20B, J20C. Suitable for use where HY-GARD is recommended.

Suitable for use in the following applications:

AGCO-Allis
AGCO-Allis Power Fluid 821XL® (Current)
Allis-Chalmers Power Fluid 821®
Deutz-Allis 272843, 257541, 246634
Massey-Ferguson M-1110, M-1127A and M-1127B, M-1129A, M-1135 (Current Worldwide), M-1141 (Current EP THF), M-1143 (Finished Oil), M-1145 (Finished Oil)
White Farm Equipment including: Q-1826 (Current)
Minneapolis-Moline Q-1766, Q-1722, Q-1766B
Oliver Q-1705
New Idea Q-1802, Type 55
Allison C-2, C-3 and C-4 (Allison no longer recommends Tractor Hydraulic Fluids for use in their transmissions)
Caterpillar TO-2, Multipurpose Tractor Oil (MTO)
CNH Global N.V.
Case International including: MS-1206, MS-1207, MS 1209, MAT 3505, MAT 3540 (Current, zinc-free THF)
Case-IH MS-1210, JIC 145
JI Case JIC 143 / 144
International Farmall MS-1204, JIC 185
International Harvester B-5, B-6 (International Harvester)
Steiger SEMS 17001 (Steiger)
New Holland (Fiat) including:
Ford and New Holland FNHA-2-C-200, FNHA-2-C-200A, FNHA-2-C-201, MAT 3525, 3526 (Current), ESN-M2C41-B, ESN-M2C43, ESN-M2C48-A and ESN-M2C48-B, ESN-M2C53-A and ESN-M2C53-B, ESN-M2C86-B and ESN-M2C86-C (3), ESN-M2C92-A, ESN-M2C134-A, B, C, D
Sperry-Vickers 35VQ25 and M-2952-S (Vickers), I-286-S (Vickers), M-2950-S (Vickers)
Versatile Specification 23M or 24M (Versatile)
Hesston-Fiat (tractors only) AF-87, Multi-F, Multi-G (Current)
John Deere JDM J20C, JDM J20A and J20B, JDM J14B and J14C, JDM J21A, JDT 303, Quatrol®
Komatsu Dresser B-06-0001 and B-06-0002
Kubota UDT (Current)
Renk Doromat 873, 874 A and 874 B (Current)
Volvo CE WB-101
ZF TE-ML 03E / 03F / 05F / 06E / 06F / 06K / 17E / 21F

Suitable for use in the following OEM Equipment and applications:

API GL-4, Argo S.p.A., Arvin Meritor, Belarus, Buhler, Clark, Claas, David Brown (part of CNH), Denison HF-0, HF-1 & HF-2, DEXRON and Type A, Suffix A (tractor), Eaton Hydraulics, Ebru, Fendt, Ford, Fort and Pegoraro (part of Argo S.p.A.), Gleaner (part of AGCO), Hurlimann, Ingersoll Rand, IMT, International Harvester, International Hough (Dresser), JCB, JI Case, KH Duetz, Kioto, Komatsu and Komatsu/ Dresser, Kubota, Lamborghini, Landini S.p.A. (part of Argo S.p.A.) Laverda (part of Argo S.p.A.), Leyland, Link Belt, Mahindra, McCormick (part of Argo S.p.A.), Mitsubishi Poclain, Renk, Rockwell Transmissions, Same Deutz-Fahr, Sauer Sundstrand, Schluter, Steyr Daimler, Sundstrand Hydraulics (Plessey), Taylor, Universal, Ursus, Valmet, Valpadana (part of Argo S.p.A.), Valtractores, Versatile, Vickers Hydraulics, Volvo, Yanmar, Zetor

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D-1298	27.8
Specific Gravity @ 60˚F	D-1298	0.8883
Density @ 60˚F, Lbs/US Gal	D-1298	7.398
Viscosity @ 40˚C cSt	D-445	60.0
Viscosity @ 100˚C cSt	D-445	9.0
Viscosity Index		128
Pour Point, ˚C (˚F)	D-97	-42 (-44)
Color		Clear yellow
Flash Point, COC ˚F	D-92	470

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

HEALTH, SAFETY AND ENVIRONMENT:

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com

LINKS AND ADDITIONAL INFORMATION:

For additional product information visit LucasOil.com