

CHAMPION PDS

PRODUCT DATA SHEET

CHAMPION 4000® ULTRA PREMIUM TRACTOR HYDRAULIC FLUID

CHAMPION 4000 ULTRA is our high-efficiency, all-weather synthetic transmission/hydraulic fluid designed for tractors, diggers, excavators and vocational equipment. Our synthetic hydrocarbon base oils and exceptionally shear-stable technology results in a fluid with optimal fluid life, cold flow, and viscosity control. Compounded with premium additives, 4000 ULTRA provides excellent anti-wear, extreme-pressure, friction control, cleanliness, anti-oxidant, anti-corrosion, and air release properties.



- Excellent cold-flow reduces start-up wear
- Shear stability and viscosity control reduce internal pump leakage
- Dispersants and anti-oxidants clean and control sludge and varnish
- Friction modifiers provide excellent resistance to noise, chatter, and slippage
- Extreme-pressure additive protects against scuffing and spalling of gears
- Seal conditioners prevent sloughing, blistering, cracking and hardening of gaskets
- Synthetic hydrocarbon base oil resists thermal and oxidative breakdown and releases water better than conventional base oils.
- Retains a better high temperature film strength than competing monograde and HV-type fluids.

Champion 4000 ULTRA meets both summer and winter grade John Deere specs – J20C and J20D – as well as J20D/CNH MAT 3526 winter specifications. 4000 ULTRA also meets specs of most major tractor and equipment manufacturers for transmission/hydraulic oil. It also meets the Parker Hannifin HF-0 pump specification.

Champion 4000 ULTRA reduces loss of power due to internal pump-leakage in hydraulic systems. This results in typically 5 – 10% reduction in fuel or energy consumption. By reducing your usage of fuel and electricity, you can save money and provide the best protection for your equipment.

PART# 4001

Available in:

4001U	-	2.5 Gallon
4001AN	-	55 Gallon

TYPICAL PROPERTIES:

PRODUCT CODE:	4001
ISO VISCOSITY	46
VISCOSITY @ 40°C, cSt	43
VISCOSITY @ 100°C, cSt	9.5
VISCOSITY INDEX	145
BROOKFIELD, cP @ -20°C	1260
BROOKFIELD, cP @ -35°C	12700
HTHS @ 150°C, cP	2.65
SHEAR STABILITY, cSt @ 100C ²	8.52
SHEAR STABILITY, cSt @ 40C ²	39.21
DIELECTRIC BREAKDOWN VOLT AVG ³	58.0 kV

¹ Typically 5 – 10% reduction in fuel or energy consumption

² After 40 minute sonic shear

³ At point of manufacture

FOR HEALTH / SAFETY INFORMATION - REFER TO THE SDS at WWW.CHAMPIONBRANDS.COM

CHAMPION BRANDS, LLC // CLINTON, MO // 800-821-5693 // SINCE 1956

REV 01/20



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Champion 4000 ULTRA meets:

AGCO 821XL
API GL-4
CNH MAT 3505, 3510, 3525, 3526
Dennison HF-0, HF-1, HF-2 (except demulsibility)
Deutz-Allis 25743, 246634, 272843
Fiat Heston AF-87
Ford FNHA-2-C-200, FNHA-2-C-201
Ford ESN-M2C134A-D (NH-410B)
Ford ESN-M2C-41, 41A & B, & 43
Ford ESN-M2C53 A & B
Ford ESN-M2C-92A
Industry of Machinery and Tractors (IMT)
(JCMAS), HK P-041 & P-042
JI Case International Famall (TCH Fluid)
JI Case MS1204-1205 (Powergard PFT)
JI Case MS1207
JI Case MS1210, MS1216
JI Case MS-1317
John Deere J14A-C
John Deere J21A
Komatsu KES 07.866, AXO80
Kubota UDT, Super UDT2
MF M1110, 1127, 1127 A&B
MF M1135 (Permatran III)
MF M1141, MF M1143
Parker (Denison UTTO) HF-0, HF-1, HF-2
Renk-Doromat 87.3 & 874A/B
Hydro Static Trans Fluid
Sperry Vickers/Eaton M2950S Mobil Hydraulics
Versatile Gear and HydrTrans Fluid
Volvo (VCE97303), except for grader rear axle
White/Minneapolis-Moline/Oliver/New Idea 55, 5J,
White/Minneapolis-Moline/Oliver/New Idea Q-1705
White/Minneapolis-Moline/Oliver/New Idea Q-1722
White/Minneapolis-Moline/Oliver/New Idea Q-1766
White/Minneapolis-Moline/Oliver/New Idea Q-1766B
White/Minneapolis-Moline/Oliver/New Idea Q-1802
White/Minneapolis-Moline/Oliver/New Idea Q-1826

Allison C2, C3, C4
Caterpillar TO-2
CNH MAT 3540
Deutz-Allis Power Fluid 821XL, 25741
Dresser
Ford ESN-M2C-86 A-C
Ford M2CA-C
Ford ESN-M2C-77A, ESN-M2C86A, B, & C
Ford ESN-M2C-48 B & C
Ford ESN-M2C-142A, ESN-M2C-143
Ford ESN-M2C-159 A-C
International Harvester Hy-Tran B-6
JI Case MS-143, 144, 145
JI Case MS-185 (TFD Fluid)
JI Case MS1206 (Powergard PFT)
JI Case MS1209 (HyTran Ultra or MultiTran)
JI Case MS-1230 (Poclain Equipment)
John Deere J20A, J20B, J20C, J20D
John Deere JTD 303
Kioti
Komatsu-Dresser B06.0002
Landini
MF M1129, M1129A (Permatran)
MF M1138, MF M1139 (STOU)
MF M1144 (STOU), MF M1145
Quatrol
Sauer Sunstrand/Danfoss
Sperry Vickers/Eaton I-286S Ind Hydraulics
Steiger HTF (SEMS 17001)
Vickers 35VQ25
Volvo WB101, Volvo VCE 1273.03
Wet brake applications
Yanmar
23M & 24M
Valmet
Valtractores

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