



# CHAMPION 4000 ULTRA®

**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** 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.<sup>1</sup>

**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.

Product Number	4001
ISO Viscosity Grade	46
Viscosity @ 40C, cSt	43
Viscosity @ 100C, cSt	9.5
Viscosity Index	214
Viscosity @ -20C, cP	1,260
Viscosity @ -40C, cP	12,700
HTHS @ 150C, cP	2.65
Shear Stability, cSt@100C <sup>2</sup>	8.52
Shear Stability, cSt@40C <sup>2</sup>	39.21
Dielectric Breakdown Volt Average <sup>3</sup>	58.0 kV

<sup>1</sup> Typically 5 – 10% reduction in fuel or energy consumption

<sup>2</sup> After 40 minute sonic shear

<sup>3</sup> At point of manufacture



**4001**  
**Effective 04/13**