

CHAMPION 4000 ULTRA®

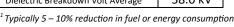
Champion 4000 ULTRA is our high-efficiency, all-weather synthetic transmission/hydraulic fluid designed for tractors, diggers, excavators and vocational equipment. Our synthetic hydrocarbon base oils and exceptionally shear-stable technology results in a fluid with optimal fluid life, cold flow, and 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 <u>save money and provide the best protection for your equipment.</u> ¹

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 ²	8.52
Shear Stability, cSt@40C ²	39.21
Dielectric Breakdown Volt Average ³	58.0 kV



²After 40 minute sonic shear ³At point of manufacture



4001 Effective 04/13