

# TRIAX FORKLIFT HTF

## FULL SYNTHETIC FORKLIFT HYDRAULIC/TRANSMISSION FLUID

TRIAX FORKLIFT HTF (Hydraulic & Transmission Fluid) is a premium grade, full synthetic high viscosity index hydraulic and transmission fluid especially engineered to provide optimal lubricants for forklifts and other hydraulic and power lifting systems. TRIAX FORKLIFT HTF is designed with state of the art viscosity improvers and thermal stabilizers to keep optimal viscosity in a variety of conditions, and across a very wide temperature range, in all kinds of power lift equipment.

## PERFORMANCE HIGHLIGHTS

- Excellent viscosity stability
- Lowers transmission and hydraulic system operating temperature
- Compatible with a very wide range of forklifts and lifting equipment
- Complete protection for seals, gaskets and hoses of hydraulic equipment
- Protects gears and synchronizers against corrosion and wear, preventing premature transmission failure
- Designed for equipment being used 24/7 in sever service conditions such as distribution centers and warehouses
- Superior viscosity stability prevents overheating and hydraulic pump / hose failure
- Designed to work in very cold temperatures without becoming too thick to pump and clog hydraulic lines
- Ensures flawless shifting and long component life

## SPECIFICATIONS & APPLICATIONS

TRIAX FORKLIFT HTF is designed for use in high performance hydraulic systems of forklifts and other lifting systems, as well as for use in their automatic transmissions. This fluid is also recommended for differentials and gear boxes where specifications call for GL-4 ATF or Dexron III / Mercon V, Allison C-4, CAT TO-2 fluid.

Recommended for a wide range of forklift manufacturers from the United States, Europe, China and Japan. Designed for equipment used in 24/7 conditions such as distribution centers and logistics warehouses, where downtime is not acceptable.

Recommended for most forklifts manufactured by Manitou, Komatsu, Hyster-Yale, Kiong, Crown Equipment, Mitsubishi, Toyota, Anhui Heli, Nissan, Hangcha, Hitachi, Unit Carriers and many others.

### SPECIFICATIONS:

Denison Hydraulics HF-0, HF-1 & HF-2  
 John Deere JDM J20C, J20D, J14B, J14C, J21A, 303  
 ZF TE-ML, ZF TE-ML - 03E, 03F, 05F, 06E, 06F, 06K,  
 17E, 21F  
 Power Fluid PF-821XL, 821 272843  
 Hydr Trans Fluid, 257541 Hydr, Trans Fluid 2466234  
 Hydr Trans Fluid M-1135, M-1138, M-1143, M-1110,  
 M-1127A and M-1192A  
 Permatran and Permatran III

**UP TO 1,000 HOURS  
FOR TRANSMISSIONS**

**UP TO 6,000 HOURS  
FOR HYDRAULIC**



If a specification is listed above, TRIAX LLC guarantees the product meets, exceeds that specification or is safe to use in equipment requiring that application, and is therefore covered by our product warranty.

## CHEMICAL PROPERTIES

Specific Gravity @ 60F	0.839
Viscosity @ 100°C, cSt, ASTM D445	7.3
Viscosity @ 40°C, cSt, ASTM D445	34
Viscosity Index, ASTM D2270	192
CCS Viscosity @ -25°C, mPa.s	5920
Pour Point, °C, ASTM D97	-50
Flash Point, °C(F), ASTM D92	221 (430)

Small deviations from these results are expected during the manufacturing process and do not affect product performance or specification compliance.

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