

DN 53740AL - Material Spec (M) -
RN Rev SWPC N
DA 2005/04/14

TI HYDRAULIC FLUID

CA CAUTION: For safety, industrial hygiene and environmental precautions,
see applicable Material Safety Data Sheet (MSDS).

SU SUPPLIERS:

- (A) (58003) Akzo Chemicals Inc, 300 S Riverside Plaza,
Chicago, IL 60606
- (B) Agent: (73742) Forsythe Technology Inc, PO Box 19358,
Houston, TX 77224
- (C) (53680) FMC, 1938 Black Street, Homer City, PA 15748

OR ORDER FROM SUPPLIER OR AUTHORIZED DISTRIBUTOR AS:

- (A) Fyrquel EHC *
- (B) Durad EHB Fluid *
- (C) Reolube Turbofluid 46XC *

*Stating "Permanently mark all containers with Westinghouse Number."

US USER DIVISION(S):

- (A & B) Combustion Turbine (CTO)
Generator (LRA)
Steam Turbine (PH)

- (C) Combustion Turbine (CTO)
Steam Turbine (PH)

CH CHARACTERISTICS:

- (A) Clear, odorless, hydraulic fluid for use in electrohydraulic control system of steam turbines. Consists of phosphate ester base stock, mixed tert-butylphenyl phenyl phosphate (99.7%) CAS 68937-40-6; and proprietary additives. Insoluble in water

Properties:

Viscosity, centistokes, at 100 F (38 C)	45-50
at 210 F (99 C)	4.9 min
Viscosity, SUS, at 100 F (38 C)	210-230
at 210 F (99 C)	42.5 min
Boiling Range, at 4 mm Hg, C	220-270
Specific Gravity, at 20 C	1.155

- (B) General purpose, phosphate ester, fire-resistant industrial hydraulic fluid and compressor lubricant.

Properties:

Viscosity, 100 F (38 C), SUS	208 - 230
Pour Point, F (C)	0 (-18)
Fire Point, F (C)	665 (352)
Sp Gr, 60 F (16 C)	1.125 - 1.165
Neutralization No, Mg KOH/Gram	0.1
Water Content, Wt %, Ma	0.04
Foam, 5 Min (ASTM D892), mL, max	10