



LUBRICANTS™

POWER TO PERFORM™

ENKLO FRPS 46

FIRE RESISTANT
HYDRAULIC FLUID

SPECIAL FEATURES

ENKLO FRPS 46 is a Fire Resistant Hydraulic Fluid based on Trixilenyl phosphate ester technology. This product is meeting the BHEL specification for electro hydraulic fluid for governor control.

PHYSICO-CHEMICAL PROPERTIES

Kinematic Viscosity @40°C (ISO VG 46) (cSt)	41.4 – 50.6
Air Release @ 50°C	1.2 minutes
Neutralisation number	< 0.1
Water Content (ppm)	<1000
Foaming at 25 °C Tendency Stability	60 ml 25 sec
Water separability	180 secs
Demulsification	40-40-0<20 mins
Density @ 15°C (kg/m ³)	1140-1170
Flash Point (Cleveland Open Cup) (°C)	>240
Ignition Temperature, (°C)	>550
Wick Flame Persistence time, (s)	<5
Pour Point, (°C)	< -18
Particle distribution	<15/12
Chlorine Content (ppm)	<20
Oxidation stability	<1.5
Hydrolytic stability Change of neutralisation number (mg KOH/g)	<0.5
Electrical resistivity (Ω-m)	1200
Free Phenol (%)	0.1%