



# LUBRICANTS

POWER TO PERFORM

## ENKLO FRWG

FIRE RESISTANT  
HYDRAULIC FLUID

### SPECIAL FEATURES

ENKLO FRWG is a hydraulic oil formulated from glycols for meeting the fire resistant requirements in fire prone areas in Steel, Mining, Die-Casting and Plastics industries. It is a true solution of glycols and water. This grade is composed of Polyalkylene Glycols, selected additives for wear reduction, corrosion inhibitors, anti-oxidants, anti-foamants and water. The operating temperature of the oil ranges from -20°C to +60°C. This oil is suitable for use in all low temperature applications without any chance of freezing and gelling. This oil meets IS: 10532 (part-3) – 1993 and HF-C classification of European Mines Safety Commission.

### APPLICATION AREA

This oil is suitable for use in the hydraulic systems of coke oven battery carrier, crane hydraulics in high temperature regions of Steel Plants. It is used in control governors in steam turbines, control valves in presence of superheated steam in Power Plants. It is also suitable for use in hydrostatic systems in Plastics and Die-Casting industries.

### PHYSICO-CHEMICAL PROPERTIES

	ENKLO FRWG		
	22	46	68
Appearance	Clear		
Density @ 15°C, g/cc	1.05-1.09	1.05-1.09	1.05-1.09
pH Value	8.5-10.5	8.5-10.5	8.5-10.5
Kinematic Viscosity @ 40°C, cSt	19.8-24.2	41.5- 50.6	61.2-74.8
Water Content, % Volume	40-60	40-45	40-45
Fire Resistance Characteristics	Shall Pass The Test		
Rusting Test, With Synthetic Sea Water	Pass	Pass	Pass
Pour Point, °C	-10	-10	-10

### PERFORMANCE BENEFITS

- High viscosity index and good shear stability
- Excellent stability
- Good compatibility with all types of seals, hose materials, and metals
- Good antiwear properties
- Excellent boundary lubrication
- Very good rust protection properties