

## **ENKLO FRIE**

Enklo FRIE is specially formulated hydraulic oil meant for application in areas prone to potential ignition sources mainly in mines and steel plants. It is a homogenous water-in-oil type of emulsion, also known as invert emulsion.

This oil is constituted of mineral oil along with special emulsifiers, stabilisers, rust inhibitors, and other premium quality additives. The operating temperature of the oil ranges from 5<sup>0</sup> C to 60<sup>0</sup> C . This oil is suitable for use in case of high temperature applications where excellent lubricity and anti-wear characteristics are very important for the hydraulic oil being used in the system.

This oil meets IS: 10532 (Part-2) – 1993 and HF-B classification of European Mines Safety Commission. This product has been approved by DGMS, Dhanbad.

### **PERFORMANCE BENEFITS:**

- Excellent performance of pumps
- Good compatibility with seals, hose materials and metals
- Superior lubricity and antiwear characteristics
- Good storage and service life
- Environmentally acceptable
- Very good rust protection properties
- Low cost

### **APPLICATION:**

This oil is used in the hydraulic roof support systems in mines. It is used in Side Discharge Loaders, Hydrostatic systems, Scoop Trams and Shuttle Cars in Mining and Steel industries. This oil is suitable for use in dinting machines, heading machines, loaders and creepers. It is also used in the injection moulding machines in plastics and die-casting industries.