

DESCRIPTION

Servofyress HFDR series are new generation water free fire resistant hydraulic fluids formulated with high performance synthetic base stocks (Phosphate ester) and selected additives to enhance critical hydraulic properties. These oils are tailor made synthetic oils. These oils provide enhanced fire resistant properties, antirust and antioxidant properties as well as outstanding antiwear performance.

APPLICATION

Servofyress HFDR oils are excellent synthetic fire resistant hydraulic fluids for lubrication of hydraulic systems at high pressures and high temperatures where there is significant risk from fire. Specifically, these are recommended for hydraulic pumps operating in high temperature zones i.e. in the areas of mining, steel mills, casting & forging plants etc.

PERFORMANCE BENEFITS

- Inherently good lubricity
- Outstanding antiwear performance.
- Good oxidation stability
- High viscosity index
- Good corrosion protection against ferrous and non-ferrous metals
- Excellent detergency contributing to system cleanliness.
- Excellent fire resistant properties
- Good oxidation and hydrolytic stability.
- High auto ignition temp, ensures safe operation.

PERFORMANCE STANDARDS

It meets the fire resistant properties such as Auto-ignition temperature, Spray ignition test and Flame propagation test as per requirements of IS : 7895.

CHARACTERISTICS

ISO VG	22	32	46	68	100
Kinematic Viscosity cSt @ 40°C	20 – 24	29 - 35	41.4-50.6	62 – 75	90 – 110
Viscosity Index	24	23	24	5	(-) 13
Pour Point, °C, Max	(-)21	(-)18	(-)15	(-)9	(-)6
Flash Point, COC, °C, Min	230	240	230	250	230

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai - 400 051

E-Mail: servotechserv@indianoil.in **OR** servots@indianoil.in