

DESCRIPTION

Servofyress HFDU ES series are new generation water free, ISO 6743/4 type fire resistant hydraulic fluids formulated with high performance fully synthetic ester based 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 HFDU ES oils are excellent synthetic fire resistant hydraulic fluids for lubrication of hydraulic systems at high pressures and high temperatures. Specifically, these are recommended for hydraulic pumps operating at (-)25 Deg C to (+) 100 Deg C in the areas of mining, steel mills, casting & forging plants etc. These oils are compatible with most of the usual elastomers and paintings.

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.
- Good filterability and excellent air release value.
- High level of bio-degradability.

PERFORMANCE STANDARDS

It meets the fire resistant properties such as Auto-ignition temperature, Spray ignition test and Flame propagation test as per requirements of ISO : 12922 – Category HFDU.

CHARACTERISTICS

ISO VG	46 ES	68 ES
Kinematic Viscosity cSt @ 40°C	42-50	62 – 74
Viscosity Index	187	197
Pour Point, °C, Max	(-)36	(-)30
Flash Point, COC, °C	320	312
Auto ignition temperature, Deg C	> 400	> 400

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