

ESTIN/46-S

Description

Fire resistant hydraulic fluid

Application

- ESTIN S are fully synthetic fluids formulated with organic esters and specifically selected additives. These fluids are characterized by high flash and combustion points and have specific properties to avoid a violent and explosive ignition when they come into contact with flames or hot metal surfaces.

Recommendations

- The resistance towards combustion is so extremely high to allow ESTIN S to meet the severe tests FTM 6052 and FTM 352 from the 7th Report of Luxembourg. ESTIN S are suitable for hydraulic systems specifically used in steel industry, continuous casting machines, finishing rolling mills etc. and everywhere in presence of flames.
- Specification: ISO-L-HFDU

Benefits

- High viscosity index which ensures the best performance in hydraulic systems under variable temperature conditions.
- Antirust, antiwear, antioxidant and antifoam characteristics: improved by very efficient additives.
- Metals and elastomers compatibility: in particular these fluids are compatible with Viton, Teflon, Buna N, Neoprene, Polyurethane.

Properties	Method	Unit	Typical
Density	D 4052	kg/m ³	916
Kinematic Viscosity, 40 °C	D 445	mm ² /s	50
Kinematic Viscosity, 100 °C	D 445	mm ² /s	9.7
Viscosity Index	D 2270	-	185
Flash Point	D 92	°C	300
Pour Point	D 97	°C	-30
Colour	D 1500	-	L 3.0

The figures above are not a specification. They are typical figures obtained within production tolerances.

