

product data sheet

VARSAFE HFC 620

High performance water glycol based hydraulic fluid.

VARSAFE HFC 620 is a water-glycol synthetic hydraulic fluid of the HFC type.

VARSAFE HFC 620 greatly reduces the risk of fire where equipment is operated near hot surfaces, flames or molten metals. It provides a balanced combination of fire resistance and lubrication.

VARSAFE HFC 620 hydraulic oil is NOT compatible with HFDU type or mineral oil based hydraulic fluids.

Features and Benefits

- Excellent lubrication and anti-wear
- High security against fire and explosion
- Protection of components and systems
- Suitable for use in a wide variety of hydraulic equipment
- Contains corrosion inhibitors to protect components

Typical Data

			HFC 620 BIO 46
Parameter	Unit	Method	
Kinematic Viscosity			
KV40	mm²/Sec	ASTM-D445	46.00
Appearance @ 20-25°C		Visual	Clear red liquid
Water content (typical)	%	ASTM E203-16	35 %
Density @ 15.5°C	g/cm³	ASTM-D4052	1.09
Flashpoint	°C	ASTM-D92	None
Auto ignition point	°C	ASTM E659-15	None
pH			9.50
Pour point	°C		Below -45°C

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Varol Metalworking		Varol Machine Lubricants	
Varcut	Neat cutting oils, high performance, extensive range of viscosities	Varlube S Viscosity 32 - 320	Slideway
Varform	Comprehensive range of neat forming oils, including water extendable versions and vanishing oils	Varmulti Viscosity 32 - 680	Multilube - Slideway, Gear, Hydraulic
Varclean	Aqueous based wash fluids, surface cleaners and solvent degreasers	Vargear Viscosity 68 - 460	Industrial Gear
Varcool & Vargrind	Comprehensive range of high performance water soluble fluids. Low, medium, high oil content and synthetics	Varpress Viscosity 5 - 150	Hydraulic oil range covering zinc containing, zinc free and high VI