

product data sheet

VARCUT EDM RANGE **Electrical discharge machining fluids (Dielectric fluids)**

VARCUT EDM fluids are a range of dielectric fluids for Electrical Discharge Machining.

VARCUT EDM fluids are low viscosity fluids containing antioxidant and low viscosity hydrocarbons.

VARCUT EDM 2 and VARCUT EDM 4 are based on high quality mineral base oils.

Features and Benefits

- Enhances component finish
- Low viscosity
- Provides efficient flushing of the chips produced
- Based on high quality base fluids with low aromatic content
- High dielectric strength
- Chlorine free
- Reduces disposal costs

Typical data

			VARCUT EDM 2	VARCUT EDM 4
Parameter	Unit	Method		
Kinematic Viscosity				
KV40	mm²/Sec	ASTM-D445	2.0	4.0
Appearance		Visual	Clear liquid	Clear liquid
Pour point	°C	ASTM-D97	-15	-9
Density @ 15.5°C	g/cm³	ASTM-D4052	0.805	0.840
Flashpoint	°C	ASTM-D92	75	140
Chlorine present			No	No

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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