

product data sheet

VARCUT 10106

Chlorine and mineral oil free biodegradable high performance neat cutting fluid.

VARCUT 10106 is a low viscosity chlorine free neat cutting oil formulated using state of the art additive technology and synthetic biodegradable base oils for high performance machining. The products combination of viscosity, excellent lubricity and high performance saturated esters provides maximum flushing action and superior surface finish that does not leave sticky residues.

VARCUT 10106 is designed for the machining of medium to high tensile steels including stainless steel, aluminium alloys and yellow metals, deep hole drilling and boring, form and gear grinding. Due to the outstanding cooling and flushing properties of this grade the formulation is excellent for high speed sliding head machines and through tool lubrication.

VARCUT 10106 neat cutting fluid is based on renewable resources with rapid biodegradability. Due to the careful selection of raw materials Varcut 10106 has greater operator acceptability due to reduced skin irritation, low-misting and reduced workshop pollution than conventional mineral based fluids.

Features and Benefits

High lubricity	Improved tool life and surface finish
Chlorine free	Prolongs tool life
Low viscosity	Excellent operator acceptance
High cooling and flushing performance	Readily biodegradable
Zero Aromatic Carbon formulation	Multi metal compatible

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Typical Data			
			Varcut 10106
Parameter	Unit	Method	
Kinematic Viscosity			
KV40	mm²/Sec	ASTM-D445	10.00
Appearance		Visual	Very light straw
Density @ 15.5°C	g/cm³	ASTM-D4052	0.870
Flashpoint	°C	ASTM-D92	>190
Ester			Yes
Sulphur (Inactive)			Yes
Chlorine			No

Varcut 10106 is designed to be used as supplied and is safe to use on most metals.

Varcut 10106 should always be stored indoors and protected from extremes of temperature.

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



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