

product data sheet

VARCUT 4187

High performance medium viscosity extreme pressure honing oil.

VARCUT 4187 is an extreme pressure oil developed for use on steel and non-ferrous alloy metals in a wide range of high pressure and performance machining applications. The product is designed for heavy duty honing and grinding including deep hole boring, broaching and gear manufacturing of ferrous and non-ferrous materials.

VARCUT 4187 is based on high viscosity index base oils and advanced synthetic esters combined with high performance passivated slow release active sulphur EP and lubricity additives (non-staining on non-ferrous alloys)

VARCUT 4187 is suitable for use as a lubricating oil where a viscosity grade of ISO 22 is acceptable.

VARCUT 4187 may not be suitable for use on some yellow metals such as copper and brass.

Features and Benefits

Very high lubricity

Improved tool life and surface finish

Low viscosity and low drag out

Increased product cycles

High viscosity index

Potential rationalisation product

High flash point

Used in high pressure systems up to 100 bar

Low mist, low odour

Multi metal compatible

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Typical Data

			Varcut 4187
Parameter	Unit	Method	
Kinematic Viscosity			
KV40	mm²/Sec	ASTM-D445	18.00
Appearance		Visual	Brown
Density @ 15.5°C	g/cm³	ASTM-D4052	0.890
Flashpoint	°C	ASTM-D92	180
Ester			Yes
Sulphur (Active)			Yes
Phosphorus			Yes
Chlorine			No

Varcut 4187 is designed to be used as supplied and is safe to use on most metals.

Varcut 4187 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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