

# product data sheet

## **VARLUBE S RANGE**

### **Slideway and production machinery lubricants**

**VARLUBE S** lubricants are produced in a range of viscosity grades to meet the requirements for vertical and horizontal machine tool slideways

**VARLUBE S** lubricants contain extreme pressure and anti-wear additives together with high molecular weight polymers to resist breakdown and displacement of the lubricant even under high loads.

**VARLUBE S** lubricants are also suitable for general machine lubrication, traverse screws, small open gears and chains.

#### **Features and Benefits**

- Outstanding anti-wear/EP properties
- Resistant to oxidation
- Formulated on high quality mineral oil
- Protects against metal to metal contact even under high loads
- Compatible with all common sealing materials
- Non corrosive to steel and copper alloys

#### **Specifications**

Cincinnati Milacron P-50

# product data sheet

## Typical Data

ISO Grade			32	46	68	100	150	220	320	460
Parameter	Unit	Method								
<b>Kinematic Viscosity</b>										
<b>KV40</b>	mm <sup>2</sup> /Sec	ASTM-D445	32.00	46.00	68.00	100.00	150.00	220.00	320.00	460.00
<b>KV100</b>	mm <sup>2</sup> /Sec	ASTM-D445	5.37	6.77	8.70	11.36	15.00	18.80	24.00	31.00
<b>Viscosity index</b>	-	ASTM-D2270	99	99	99	99	99	95	95	95
<b>Density @ 15.5°C</b>	g/cm <sup>3</sup>	ASTM-D4052	0.848	0.850	0.882	0.884	0.890	0.900	0.900	0.902
<b>Flashpoint</b>	°C	ASTM-D92	204	206	208	212	218	218	218	220
<b>Pour point</b>	°C	ASTM-D97	-33	-31	-31	-27	-24	-24	-24	-21

### Varol Metalworking

### Varol Machine Lubricants

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