

# product data sheet

## **VARCHAIN RANGE**

### **High performance chainsaw lubricants**

**VARCHAIN** and **VARCHAIN X** lubricants are available in a range of viscosity grades to suit varied applications requiring a “low fling” lubricant.

**VARCHAIN** lubricants are recommended for chainsaw cutter bars, open roller chain lubrication, roller bearings and are also suitable for general machine lubrication where non drip characteristics are required.

**VARCHAIN X** grades in the range offer exceptional adhesion performance to cutter bar surfaces and perform as long life grades with outstanding lubrication and anti-fling properties. These specially developed grades are only available in a limited viscosity range.

**VARCHAIN X** grades contains boosted additives to extend the life of the lubricant under normal operating conditions.

#### **Features and Benefits**

'X' grades provide exceptional long life performance

Formulated on high quality mineral oil

Protects against rust and corrosion

Formulated on high quality mineral oil

Resistant to chain fly off

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## Typical Properties

ISO Grade			100	150	220	220X
Parameter	Unit	Method				
<b>Kinematic Viscosity</b>						
<b>KV40</b>	<b>mm<sup>2</sup>/Sec</b>	<b>ASTM-D445</b>	100.00	150.00	220.00	220.00
<b>Density @ 15.5°C</b>	<b>g/cm<sup>3</sup></b>	<b>ASTM-D4052</b>	0.886	0.890	0.890	0.894
<b>Flashpoint</b>	<b>°C</b>	<b>ASTM-D92</b>	208	210	214	214
<b>Pour point</b>	<b>°C</b>	<b>ASTM-D97</b>	-18	-15	-15	-15

Varol Metalworking		Varol Machine Lubricants	
<b>Varcut</b>	Neat cutting oils, high performance, extensive range of viscosities	<b>VARCHAIN</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