

# product data sheet

## VARBASE RANGE

### Highly refined paraffinic base oils

**VARBASE** oils are highly refined mineral oils available in a range of viscosities from ISO VG22 to ISO VG 100.

**VARBASE** oils can be used for many applications including lightly loaded mechanisms, lightly loaded gearboxes, total loss lube systems, spindle oils, flushing oils (22-32) and general workshop lubes.

#### Features and Benefits

High quality solvent refined mineral oils with low aromatic content

Resistant to oxidation

Good stability

Non staining towards copper, brass and other "yellow" metals

Compatible with common sealing materials

#### Typical Properties

			VARBASE			
			2002	2008	3002	9005
Parameter	Unit	Method				
<b>Kinematic Viscosity</b>						
<b>KV40</b>	<b>mm<sup>2</sup>/Sec</b>	<b>ASTM-D445</b>	22.00	25.00	32.00	90.0
<b>Viscosity index</b>	-	<b>ASTM-D2270</b>	95	95	95	95
<b>Density @ 15.5°C</b>	<b>g/cm<sup>3</sup></b>	<b>ASTM-D4052</b>	0.848	0.850	0.850	0.882
<b>Flashpoint</b>	<b>°C</b>	<b>ASTM-D92</b>	190	190	204	208
<b>Pour point</b>	<b>°C</b>	<b>ASTM-D97</b>	-12	-12	-12	-9
<b>Carbon Residue</b>	<b>% WT</b>	<b>ISO 10370</b>	<0.05	<0.05	<0.05	<0.05

# product data sheet

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