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## Sevora 723 M

### Neat Cutting Oil

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#### Description; Description

Sevora 723 M is a mild EP, medium viscosity, neat cutting oil. It is a blend of high quality solvent refined mineral oil and sulphurised fatty material.

The viscosity was selected to ensure adequate lubrication and low fuming tendency, yet permit a high rate of flow.

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#### Applications; Applications

Sevora 723 M is recommended mainly for use in single and multi-spindle automatic lathes working on a variety of non ferrous metals to medium tensile steels. It is also suitable for light duty gear cutting operations and gear grinding.

To obtain the best performance with Sevora 723 M, it is recommended that the oil is filtered regularly. This treatment avoids recycling metal fines and prolongs tool life and maintains surface finish.

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#### Main Benefits; Main Benefits

- Good lubrication yet high flow rate
- Low odour for operator comfort
- Wide range of applications
- Excellent tool life
- Inhibited to minimise misting in service

- Minimal need for tool grinding and resetting
  - Maintenance of good surface finish
  - Rationalisation of stocks
  - Good filtration characteristics
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#### Storage; Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration  
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of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.; of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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#### Health, Safety and Environment; Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.; Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid

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### Typical Characteristics; Typical Characteristics

	Test Methods; Test Methods	Units; Units	Grade ;; Grade :
			Sevora 723
			M
Appearance			clear
Colour			amber
Density at 15°C	ISO 3675, ASTM D1298	kg/m <sup>3</sup>	877
Viscosity KV @ 40°C	ISO 3106, ASTM D445	mm <sup>2</sup> /s	23
Flash Point (PMC)	ISO 2719, ASTM D93	°C	190
Copper Corrosion	ISO 2160, ASTM D130		3B
Neutralisation Number	ASTM D664	mgKOH/g	0.34
Reichert at 1500N	Reichert	mm <sup>2</sup>	3.7
4-Ball Weld Load	ASTM D2783	N	3200

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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Witan Gate House Lubricants Helpline: 0845 - 6031080  
500/600 Witan Gate Fax: 0845 - 6031070  
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Witan Gate House Lubricants Helpline: 0845 - 6031080  
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