



Cilora 32

Extreme Pressure Neat Cutting Oil

Description; Description

Cilora 32 is a medium viscosity neat oil formulated from a solvent refined mineral oil incorporating a specially selected lubricity agent to improve friction characteristics combined with an effective extreme pressure additive to prevent chip welding.

It is a multi-purpose product, capable of machining a wide variety of ferrous and non ferrous metals.

Applications; Applications

Cilora 32 is a highly versatile neat cutting oil. It is also suitable for use in tapping and thread rolling operations, turning, milling and some form grinding. It is particularly recommended for thread grinding on mild steel and alloy steels and the more difficult to machine brasses.

Cilora 32 has universal applications and this feature allows the user of the product to limit the number of cutting oils employed in the workshop, thus reducing ordering, storage, distribution and reclamation procedures.

Main Benefits; Main Benefits

- High performance EP properties
- Low tool wear and excellent surface finish
- Can be used on a wide variety of materials
- Non staining towards yellow metals

- Prevents chip welding on high friction operations
 - Low odour for operator acceptability
 - Long service life
 - Transparent for easy tool/workpiece visibility
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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.

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

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Typical Characteristics; Typical Characteristics

	Test Methods; Test Methods	Units; Units	Grade ; Grade :
			C
			Cilora 32
Appearance			green
Density at 15°C	ISO 3675, ASTM D1298	kg/m ³	898
Viscosity KV @ 40°C	ISO 3105, ASTM D445	mm ² /s	33
Flash Point (PMC)	ISO 2719, ASTM D93	°C	211
Pour Point	ISO 3016, ASTM D97	°C	-12
Neutralisation Number	ASTM D664	mgKOH/g	0.03
Copper Corrosion	ISO 2160, ASTM D130		1
Reichert at 1500N	Reichert	mm ²	7.0
4-Ball Weld Load	ASTM D2783	N	2250

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

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Date Created: 08/08/1994 15:40:47 Last Modified: 04/10/2005