



Shell Garia 4402 CM-32

Heavy duty neat cutting oil

Shell Garia 4402 CM-32 is a premium quality, light colored, extreme pressure cutting oil manufactured from blends of solvent refined mineral oils and selected additives. It is intended for medium to high severity cutting operations of ferrous metals.

Applications

Shell Garia 4402 CM-32 is a heavy duty neat cutting oil for use in general machining of ferrous metals. This product makes it possible to consolidate to one cutting oil - covers many applications. Shell Garia 4402 CM-32 will not stain yellow metals.

Performance Features and Benefits

- **Excellent machining performance** - high quality surface finish
- **Controlled extreme pressure properties** - allows for higher metal removal rate, encouraging lower machining costs
- **Good tool life** - minimum downtime and increased production
- **Stain resistant on yellow metals**

Storage

Shell Garia 4402 CM-32 should be stored under cover, avoiding extreme temperatures. Product should be kept sealed when not in use. When storage of product in the outdoors cannot be avoided, unopened containers should be kept on their side to avoid collection of moisture/water at top of container (where the bug or spout access may be).

Health & Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Typical Physical Characteristics

	Unit	Method	Shell Garia 4402 CM-32	
Product Codes			Bulk	5071059
			Drum	5070964
			Pail	5074786
Kinematic viscosity @ 40 °C	mm ² /s	ASTM D 7042	33.5	
Density @ 15° C	g/mL	IP 365	0.89	
Flash Point PMCC	°F	IP 34	410	

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.