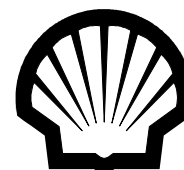


TECHNICAL INFORMATION

Last updated: 09/03/2000



SHELL MACRON 205 M - 5

SHELL MACRON OIL H (Previous name)

Metal Working **Neat Cutting Oil**

- Chlorine free
- Low aromatic components
- Low oil mist and vapour
- Free of heavy metals

APPLICATIONS

Shell Macron 205 M-5 is used for the honing of cast iron and hardened steels, hardened by tempering or cementation, producing short chips.

This oil is also used for the machining of light metals and glass at high cutting speeds or for the grinding of tools with diamond or ceramic wheels.

CHARACTERISTICS

Shell Macron 205 M- 5 is based on hydrotreated mineral oils with a low aromatic content.

A combination of polar, extreme pressure and anti wear additives provide the oils with high load carrying properties. The oil provides good tool life and good surface finish of the machined workpieces.

High efficient anti mist additives reduce the mist load in the air.

There is no risk of staining yellow metals.

TYPICAL PHYSICAL CHARACTERISTICS OF SHELL MACRON 205 M -5

	Unit	Method	Shell Macron 205 M -5
Kinematic viscosity		ASTM D 445	
• at 20 °C	mm ² /s		7
• at 40 °C	mm ² /s		5
• at 100 °C	mm ² /s		1,6
Density at 15 °C	kg/m ³	ASTM D 4052	827
Flash point COC	°C	ASTM D 92	125
Cu-Corrosion Test	Alfa	ASTM D 130	1a
Appearance			Light Yellow

These characteristics are typical of current production.

Whilst future production will conform to Shell's specification, variation in these characteristics may occur.

REMARKS

-Storage

Recommended temperature: 5 - 40 °C

Storage time: 3 years

Storage class (VCI-concept): 10

-Compatibility

With other Macron oils or similar based neat cutting oils.

-Health and Safety:

Shell Macron 205 M-5 should be handled carefully.

More information is available on the Material Safety Data Sheet.

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