

GARIA 405 M-22

Neat Cutting and Grinding Oil

DESCRIPTION

GARIA 405 M-22 is based on hydro treated mineral oil with low aromatic content. A combination of polar, extreme pressure and anti-wear additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

GARIA 405 M-22 contains active sulphur and may discolour yellow metals. The oil is zinc and chlorine free.

APPLICATIONS

GARIA 405 M-22 is the universal oil for the gear shop. It shows excellent performance for the gear grinding as well as for gear hobbing and shaping operations.

GARIA 405 M-22 is used also for the machining of steel and cast iron on automatic turning lathes.

Approved by Hofler and Klingelberg

RECOMMENDATION FOR USE

GARIA 405 M-22 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	yellow	
Specific Gravity @ 20 °C kg/m ³	860	ASTM D 4052
Kinetic Viscosity @ 40°C, mm ² /s	22	ASTM D 7042
Flash Point COC °C	190	ASTM D 92
Pour Point °C	-12	ASTM D 97
Copper Corrosion	4a	ASTM D 130

BENEFITS

- Increased productivity - long tool life
- Reduced cost - energy saving
- Secure handling - universal product
- Secure handling - has OEM approvals

RELATED PRODUCTS

For best results we recommend the use of the Houghton range of industrial lubricants, cleaners and corrosion protective.

For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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