

Product Data Sheet

Mobil Vacmul XLM 10 Multi Purpose Neat Grinding Oil

Product Description

Mobil Vacmul XLM 10 is a low viscosity, light coloured neat grinding oil. The product is based on unconventional base oils and contains specially selected anti wear and lubricity additives to give benefits such as good surface finish and extended tool life.

Benefits

Vacmul XLM 10 offers the following benefits:

- Light coloured allowing operators easy visibility of tool and workpiece
- Low evaporation and low misting to improve the workshop environment and reduce oil consumption
- Optimum viscosity for heat removal and lubrication
- Fines quickly settle out from the oil and assists filtration
- Long change life due to unconventional base oil
- Elimination of sticky residues on wheels and slides
- Chlorine free for lower disposal costs

Application

Mobil Vacmul XLM 10 is suitable for multi purpose grinding operations, particularly on gears, bearings and axles where a consistent excellent surface is required. It is also suitable for medium duty cutting applications when a low viscosity, low misting fluid is required.

Due to the incorporation of lubricity additives in the product, Vacmul XLM 10 can also be used for machining of ductile materials, such as aluminum and copper alloys. The product is compatible with yellow metals.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Vacmul XLM 10

	Test Methods	Units	Result
Appearance	Visual		Light yellow
Specific Gravity at 15°C	ASTM D1298	g/cm ³	0.840
Kinematic Viscosity at 40°C	ASTM D445	cSt	10
Kinematic Viscosity at 100°C	ASTM D445	cSt	2.9
Flash Point, COC	ASTM D92	°C	184
Pour Point	ASTM D97	°C	-21
Copper Corrosion	ASTM D130		1B

Due to continual product research and development, the information contained herein is subject to change without notice.

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