

## Product Data Sheet

## Vacmul G 13 High Performance Neat Grinding Oil

### Product Description

Vacmul G 13 is a chlorine free, low viscosity neat cutting oil formulated from a highly refined base oil and specific lubricity and anti-wear additives to ensure an outstanding machining performance.

Vacmul G 13 is based on a specially refined narrow cut mineral oil which offers the benefits of low evaporation, lower misting and low aromatic carbon content.

### Benefits

Vacmul G 13 offers the following benefits:

- excellent wetability to avoid burning and keep grinding wheels clean
- optimised viscosity for better lubrication and cooling power
- excellent surface finish
- low misting and evaporation for a cleaner working environment
- lower viscosity means easy degreasing, cleaner machines and better flushing performance
- specific formulation ensures easy recycling of swarf
- reduced production and maintenance costs

### Application

Vacmul G 13 is recommended for severe grinding operations at high speed and pressure. Applications include grinding of gears, axles and bearings and flute grinding of drills.

It can also be used for moderate machining operations such as turning and drilling.

## 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

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### Vacmul G 13

Viscosity, cSt at 40°C	13
Viscosity, cSt at 100°C	3.1
Flash point, °C	190
Pour point, °C	-18

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

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**Mobil Oil Company Limited**  
**Acting as Agent for Mobil Lubricants UK Limited**  
**ExxonMobil House, Ermyn Way**  
**Leatherhead, Surrey, KT22 8UX**  
**Telephone: 01372 22 2000**

