



# Shell Garia 2600 M-12, 16 & 32

## Neat Cutting Oil

Shell Garia 2600 M-12, 16 and 32 are neat cutting oils for the machining of high-alloyed steels, cast iron and light metals, which tend to built-up edge.

### Applications

Shell Garia 2600 M range (M-12, M-16 and M-32) are neat cutting oils for the machining of high alloyed steels, cast iron and light metals, which tend to built-up edge. The products can be used for all chip creating machining operations, the lower viscosity grades are also showing excellent performance in deep hole drilling. Shell Garia 2600 M range is based on special refined mineral oils.

### Performance Features and Benefits

Shell Garia 2600 M range are **Chlorine free** products based on special refined mineral oils. Shell Garia 2600 M range are **free of heavy metals** and a well balanced combination of polar,

extreme pressure, anti wear and anti mist additives which provide the oil with :

- **High load carrying** properties
- **Low oil mist** in the air and vapor
- **Good tool life**
- **Excellent surface finish** of the machined work pieces

Shell Garia 2600 M-12, 16 and 32 may discolor yellow metals.

### Health & Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet.

### Protect the environment

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

### Typical Physical Characteristics

Shell Garia 2600 M	12	16	32
Appearance	light Amber	light Amber	light Amber
Density @ 20°C (ISO 12185) kg/m <sup>3</sup>	880	870	885
Kinematic Viscosity @ 40°C (ASTM D 7042) mm <sup>2</sup> /s	12	16	32
Flashpoint COC (ISO 2592) °C	160	185	200

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