

# Shell MACRON® 2429 S-8

## Metalworking Neat Cutting Oil

Shell MACRON® 2429 S-8 is a chlorine free, heavy metal free neat cutting oil containing low aromatic components delivering a benefit of low oil mist and vapor.

### Performance Features and Benefits

Shell MACRON® 2429 S-8 is based on hydrotreated mineral oils with a very 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.

### Main Applications

Shell MACRON® 2429 S-8 is a high performance grinding oil, used for grinding of high speed steel and cemented carbide, with ceramic, diamond and boron nitride (CBN) grinding wheels. The product can also be used for machining of light alloyed steels, yellow metals and light metals (Mg) and glass at high cutting speeds.

Advice on applications not covered in this handbook may be obtained from your Shell representative.

### Typical Physical Characteristics

	Unit	Method	Shell MACRON® 2429 S-8
Appearance		visual	Light Yellow
Density @ 20 °C	kg/L	ASTM D 4052	0.815
Kinematic Viscosity @ 40 °C	cSt	ASTM D 445	7.5
Flash Point COC	°C	ASTM D 92	165
Cu Corrosion Test		ASTM D 130	1b

*These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.*

### Storage Requirements

The product should be stored inside (41 – 104°C) for no more than 3 years and be protected from freezing.

### Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

### Protect the Environment

Do not discharge into drains, soil, or water.