INDUSTRIAL OIL

Mineral Cutting Oil

Straight mineral machining fluid

Neat (straight) mineral cutting oil

PRODUCT DESCRIPTION

Motoforce Mineral Cutting Oil is a mineral-based metalworking fluid for machining operations, favoured where lubricity matters more than cooling — heavier cuts and lower-speed work. Supplied in 26 litre packs.

APPLICATIONS

- Heavy Cutting
- Broaching & Tapping
- Low-Speed Machining

SPECIFICATIONS

- Neat (straight) mineral cutting oil

PACK SIZES

26L

FEATURES & BENEFITS

- Used undiluted — high lubricity for heavy cuts and low-speed machining.
- Lubricity additives reduce tool wear and built-up edge.
- Improves surface finish in tapping, broaching and threading.
- Protects machined parts and machine tools against rust.

TYPICAL PROPERTIES

Property	Test Method	Unit	Typical Value
Density @ 15 °C	ASTM D4052	g/cm³	**0.870**
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	**22**
Flash Point (COC)	ASTM D92	°C	**180**
Pour Point	ASTM D97	°C	**-9**
Copper Strip Corrosion (3 h @ 100 °C)	ASTM D130	Rating	**1b**

RECOMMENDATIONS

- Use undiluted. Do not mix with water.
- Keep the sump clean and skim off tramp oil and swarf regularly.
- Provide mist extraction on high-speed machines.

HEALTH, SAFETY & STORAGE

Store sealed in a cool, dry, covered place away from sunlight and ignition sources. Avoid prolonged skin contact. Dispose of used product and containers only through an authorised collector — never into drains or soil. See the MSDS for full health and safety information.

> The typical values above are obtained under normal production conditions and do not constitute a specification. Minor variations that do not affect product performance are to be expected. Motoforce Lubricants reserves the right to modify products and this information without notice. For the latest version, visit motoforcelub.com or contact us.