

FERRUM EP 23

Premium Heavy-Duty EP Neat Cutting Oil

INDUSTRIAL METALWORKING OIL

PRODUCT PROFILE

Neat cutting oil containing light mineral oil, compounded fatty oils and sulfurized extreme-pressure (EP) additives. Chlorine-free.
For ferrous metals and demanding high metal removal operations.
Active sulfur: check compatibility with non-ferrous alloys.

SELECTED PERFORMANCE DATA

BASE OIL	Light mineral oil + compounded fatty oils
VISCOSITY AT 40 C	23.0 cSt
FLASH POINT	208 C
EP SYSTEM	Sulfurized; chlorine-free

RECOMMENDED APPLICATIONS

Materials: ferrous metals and alloy steels primarily.
Processes: tapping, threading, broaching and high-speed machining.
Active-sulfur formulation; evaluate compatibility with aluminium, copper, brass and other yellow or white metals before application.

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TECHNICAL PROPERTIES

PROPERTY	METHOD	VALUE
Appearance	Visual	Pale clear liquid
Density at 30 C	ASTM D4052	0.860 kg/L
Kinematic viscosity at 40 C	ASTM D445	23.0 cSt
Kinematic viscosity at 100 C	ASTM D445	4.5 cSt
Viscosity index	ASTM D2270	108
Flash point	ASTM D92	208 C
Total sulfur content	Not stated	1.15%
Total active sulfur	Not stated	1.05%

APPLICATION & SAFE HANDLING

Use neat (undiluted). Contains active sulfur.

Check material compatibility; use suitable protective equipment.

Documented packaging: 20 L HDPE pail and 208 L drum.

Follow the current product Safety Data Sheet.

SAUDI ARABIA / SALES & DISTRIBUTION

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