



PRODUCT DATA SHEET

ADNOC S-Cut

DESCRIPTION

ADNOC S-Cut is formulated from high quality base oils especially developed for cutting oils used in severe operations. This cutting oil is extremely effective at providing rust and corrosion protection of parts, cutting tools, and the machine.

APPLICATIONS

ADNOC S-Cut is multipurpose for turning, milling, reaming, drilling, shaping, broaching of a wide variety of metals. It has outstanding emulsion stability and readily mixes with water. It is recommended at 10:1 up to 20:1 water oil dilution for milling, boring and turning and 40:1 for grinding. The emulsion is prepared by adding oil to water and not vice versa. It is non-staining and can be used on both ferrous and non-ferrous metals.

BENEFITS

- **Gives excellent surface finish on parts**
- **Good oxidation stability**
- **Corrosion and Rust protection of parts and machine**
- **Excellent cooling properties that avoid overheating of parts and chips in machining operation**
- **Reduce tool wear**
- **Helps prevent varnish and sludge formation**
- **Non-staining to ferrous and non-ferrous metals**
- **Increase tool life and faster machining**

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PRODUCT TYPICAL CHARACTERISTICS

Properties	Units	Typical	Test Methods
Density @15°C	kg/L	0.895	ASTM D1298
Kinematic Viscosity @40°C	mm ² /s	42.00	ASTM D445
Color	-	3.0	ASTM D1500
Cast Iron Corrosion	-	0/1-1	IP 125
Emulsion Stability (400ppm) - Oil	mL	Nil	IP 263
Emulsion Stability (400ppm) - Cream	mL	Nil	IP 263
Rust Prevention Breakpoint	-	20:1	IP 287

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.

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