

Mobil™ Machine Tool Long Life Coolant

Data Sheets



Mobil Machine Tool Long Life Coolant Ready Mixed

Product Description

Mobil Machine Tool Long Life Coolant is a predetermined mixture of corrosion inhibiting fluid and de-ionised water, formulated to provide high corrosion resistance with accurate strength control. This combined packaged ensures a high level of protection for machine tool spindle cooling systems and is compatible with all gaskets and hoses normally associated with spindle cooling systems. The high thermal capacity and heat transfer capability ensure that machines operate within temperature limits thus maintaining dimensional stability and minimising machine wear.

The Ready Mixed Formulation is based on ethylene glycol coolant with Carboxylic additive Inhibitor Technology. Free from nitrites, amines, phosphates, borates and silicates. Provides long lasting corrosion protection for a minimum of four years. Excellent hard water stability. Very low inhibitor depletion rates.

Industry Standards

Mobil Machine Tool Long Life Coolant meets or exceeds the requirements of the following industry specifications:
DEF STAN 68 – 127 (NATO Code S757)

Handling

- Minor spills should be soaked up with oil absorbent granules, sand or dirt. The spillage site should then be washed with soapy water and dried.
- Wash off any spillage on paintwork immediately.
- Avoid galvanised containers for storage or dispensing as they will corrode and contaminate the product.

Typical Inspection Data

Mobil Machine Tool Long Life Coolant	
Colour	Blue
Freezing Point	-38 °C
Density at 20°C	1.075 g/cm ³
pH value	7.6

Shelf Life

- 4 years from date of manufacture.
- Manufacture date can be identified from an eight digit code printed on the bottle. YYYY.MM.DD.

Packaging

Mobil Machine Tool Long Life Coolant is available in 20L, 200L, and in bulk.

Quality Control

The above listed data represents average values at the time of going to press this Data Sheet.

They are intended as a guide to facilitate handling and cannot be regarded as specific data. Specified product data is issued as a separate product specification.

Safety

When using this product, the information and advice given in our Safety Data Sheet should be observed. Due attention should also be given to the precautions necessary for handling chemicals.

Note

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, this data does not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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