

### Description

HARKOOL – M50 is Nitrites free high-performing coolant designed to reduce coolant consumption, pro long system life and meet your machining needs when working with a wide range of materials like aluminium, cast iron or other ferrous alloys.

### Typical Characteristics

Properties	Results	Method
Appearance	Clear Amber Liquid	Visual
Density @ 29.5°C, g/mL	0.89	ASTM D 1298
pH of 5% in DI Water	9.2	ASTM E70
Viscosity at 40°C, cSt	50	ASTM D 445
Flashpoint COC, °C	160	ASTM D 56

### Benefits

- Chlorine and nitrite free to fulfill your local legislation, waste treatment and environmental requirements
- Low foam in recommended water conditions
- Excellent wetting properties reduce coolant drag out and deliver clean machine tools and components
- Resists fungal and bacterial attack to extend fluid life and reduce maintenance and machine downtime
- Lubrication package specifically designed to enhance tool life and improve surface finish in components.

**Disclaimer:** We cannot anticipate or control the many conditions under which the information and the product may be used. Hence, we make no warranty, express or implied, as to the effects of use (including but not limited to damage or injury) or the results to be obtained, whether or not used in accordance with the directions. The information furnished is believed to be accurate to the best of our knowledge. Harita-NTI is not liable for any loss, damage, incidental or consequential. Buyer assumes all responsibility in use, storage and handling of this product.

## Application

	Aluminium	Low alloy to high alloy Steel	Cast Iron
General Machining	✓	✓	✓
Reaming	✓	✓	✓
Honing	✓	✓	✓
Broaching	✓	✓	✓
Tapping	✓	✓	✓
Grinding	✓	✓	✓

## Operating Conditions

Temperature	Ambient
Concentration	5 to 10%*
pH @ 29.5°C	9 - 10
Water TDS	0- 400 ppm

## Solubility

When mixed with water, they form a milky emulsion that is an excellent choice for general purpose machining.

## Storage

Store in (34 to 122°F / 1 to 50°C), dry place and away from sunlight in original packaging for up to 1 years from the date of shipment

Safety & Warning: Review Material Safety Data Sheet for appropriate health and safety warnings before use.

Spillage : Flush with water. Clean and dispose of in accordance with federal, state or local regulations.

## Contact Us



A product of :  
Northern Technologies International Corp



**Harita-NTI Limited**  
A3, First Main Road,  
Ambattur Industrial estate,  
Ambattur, Chennai - 600058.

Authorised Channel Partner

**BARAHI MARKETING PVT. LTD**

+91 8449273394  
+91 9860037201

info@bmplservices.com

www.bmplservices.com

**Disclaimer:** We cannot anticipate or control the many conditions under which the information and the product may be used. Hence, we make no warranty, express or implied, as to the effects of use (including but not limited to damage or injury) or the results to be obtained, whether or not used in accordance with the directions. The information furnished is believed to be accurate to the best of our knowledge. Harita-NTI is not liable for any loss, damage, incidental or consequential. Buyer assumes all responsibility in use, storage and handling of this product.