

# HIKUT W10

## Product Description

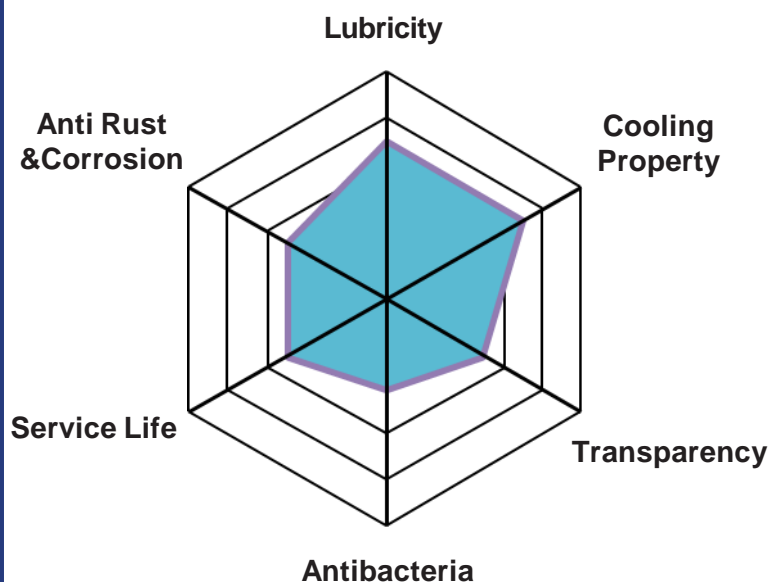
HIKUT W10 is an emulsifiable cutting oil which forms a dense white emulsion with water. It is produced from high quality paraffinic base oil and selected antibacterial additives. This product is suitable for cooling and lubricating for general machining processes.

## Benefits

- Very good cooling property, prevents spot welding of workpieces and tools
- Superior lubricity
- Good anti-rust and anti-corrosion properties
- Good resistance against bacteria and fungi

## Applications

- Suitable for lubricating and cooling for general machining processes which are light to medium operational severity
- Mix 3% with water for honing and grinding processes
- Mix 4-5% with water for turning and milling processes
- Mix 5-6% with water for drilling process
- Mix 6-8% with water for threading and tapping processes
- Mix 8-10% with water for broaching process



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## Typical Characteristics

Tests	Methods	Units	Results
Appearance	Visual Inspection		Brown
Appearance after mixed with water	Visual Inspection		Milky
Kinematic Viscosity at 40 °C	ASTM D445-11	mm <sup>2</sup> /s	42
Emulsion Stability	IP 263		Pass
Copper Strip Corrosion	ASTM D130		1a
pH Value	pH Meter		9.1
Nitrate / Nitrite	-		None
Chlorine	-		None
Corrective Factor (Refractometer)	Refractometer		1.2

## Maintenance

- Mix with clean water containing water hardness 150-400 ppm
- Always maintain the concentration of fluid as controlled
- Daily remove tramp oil on surface to prevent bacteria growth

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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