

HIKUT SEMI W30

Product Description

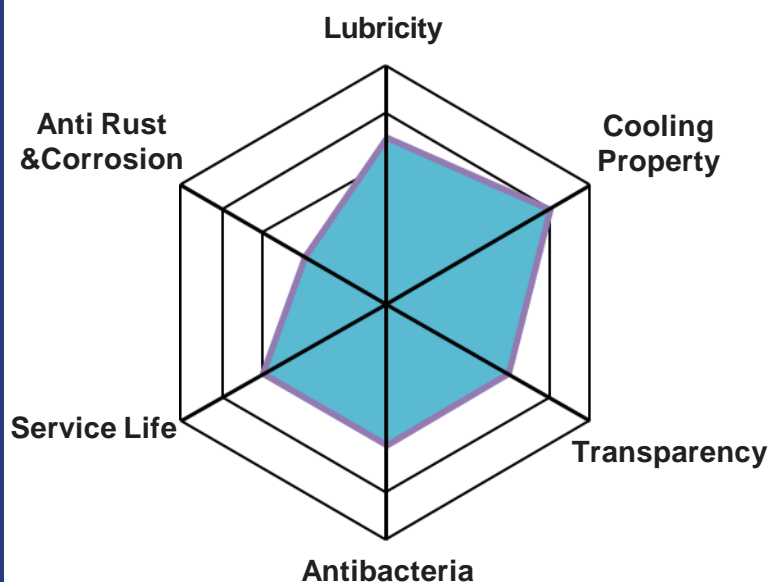
HIKUT SEMI W30 is a semi-synthetic metalworking fluid which forms an opaque white emulsion with water. This product has high resistance to bacteria and fungi. It is suitable for cooling and lubricating for medium to heavy duty especially turning, drilling, tapping and broaching processes.

Benefits

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

Applications

- Suitable for lubricating and cooling for general machining processes which are medium to heavy operational severity and require long service life
- 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 process
- Mix 8-10% with water for broaching process



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HIKUT SEMI W30

Typical Characteristics

Tests	Methods	Units	Results
Appearance	Visual Inspection		Dark brown
Appearance after mixed with water	Visual Inspection		Opaque white
Kinematic Viscosity at 40 °C	ASTM D 445-11	mm ² /s	65.3
Emulsion Stability	IP 263		Pass
Rust Test	IP 287	% Break Point	3.0
pH Value	pH Meter		9.0
Nitrate / Nitrite	-		None
Chlorine	-		None
Corrective Factor (Refractometer)	Refractometer		1.1

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>

PTT LUBE Professional Lubricant
SOLUTIONS Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

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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