



PTT Hikut N 10, 11

Light to Medium Neat Cutting Oil

Description

- *PTT Hikut N 10, 11* : cutting oil formulated from high quality base oil and extreme pressure additive. The EP properties of these product allow faster machining rates, extend tool life, and protect against staining of yellow metals. The unique combination of additives in these product also imparts excellent cooling properties which make these products good choices of hi-tech machines operating at greatly increased speed and fast rate. The excellent cooling properties of these oil can help to eliminate overheating of parts and chips in some machining operation.

Special properties

- The low viscosity grad is suitable for heat removing and chip removing.
- Protect burning during machining and prolong machine life.
- Good lubricity additive for smooth surface of parts.
- Good corrosion and rust protection of parts and machines.
- Helps reduced smoke and mist.

Application

- Use for machining yellow metal such as copper, brass.
- Use for machining process such as cutting, drilling, milling, and grinding.

Typical value

PTT Hikut NLM	10	22
- Density @ 15 °C, kg/L	0.8565	0.8653
- Viscosity @ 40 °C, cSt.	11.39	22.0
- Flash Point , PMCC, °C	167	176
- Copper Strip Corrosion @ 100 °C, 3h	1b	1b
- Rust Preventive in Distilled Water	Pass	Pass
- Color, ASTM	L1.0	L 1.0

For more information, contact Petroleum Products and Alternative Fuels Research Department , PTT Research and Technology Institute,
PTT Public Company Limited Tel 0-2537-3000 Ext 8182 and 8270 Fax 0-2537-3000 Ext 8146 โทร 8199