



# PTT Hikut N 20

## Neat cutting oil (Medium to Heavy duty)

### Description

- **PTT Hikut N 20** : cutting oil formulated from high quality base and special extreme pressure additives. The EP properties of this product allow faster machining rate, help extend tool life, protect against staining of yellow metals. The additive system provide excellent performance in reacting at the chip-tool interface to reduce friction. These cutting oil are also extremely effective at providing rust and corrosion protection of part, cutting tools, and the machine.

### Special Properties

- Good extreme pressure additive for medium to heavy machining.
- Good corrosion and rust protection of parts and machines.
- Good lubricity additive for smooth surface of parts.
- Reduced tool wear.
- No chlorine in the ingredient of the product.

### Application

- Use for machining metal such as steel, aluminum, copper.
- Use for light to heavy duty process such as turning, drilling, milling, and tapping.

### Typical value

- Appearance	Clear brown color
- Viscosity @ 40 °C, cSt	30.50
- Flash Point, °C	200
- Rust / ASTM D665	pass
- Copper corrosion	1b
- Sulfur , % wt.	0.67
- Chlorine, % wt.	none

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