

COOLCUT™ NEO AP

All purpose neat oil for
machining processes

SUITED FOR RIGOROUS
CUTTING PROCESSES WITH
STEELS, STAINLESS STEELS
AND ALUMINUM



WALTER
Surface Technologies

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COOLCUT™ NEO AP



All purpose neat oil for tough machining processes

The COOLCUT™ NEO AP is a straight oil used for metal cutting processes. This oil is suitable for severe cutting processes. They perform best with steels, stainless steels and aluminum. This oil may also be used in machining of copper alloys if workpieces are cleaned.

Features

- ▷ Formulated with low-emission base oils plus effective extreme-pressure additives
- ▷ Adequate viscosity per process requirements
- ▷ Low-emission base oils
- ▷ Zinc-free, chlorine-free

Benefits

- ▷ Optimal price-to-performance ratio
- ▷ Good cutting performance, long tool life
- ▷ Low fog and evaporation loss
- ▷ Pleasant smell
- ▷ Low drag out
- ▷ Easy removal with aqueous or hydrocarbon cleaners

Processes

● Preferred ● Qualified

Name	Turning	Milling	Gear hobbing	Drilling	Deep drilling	Threading tapping	Broaching	Surface and cylindrical grinding	Centerless grinding	Profile grinding
COOLCUT™ NEO AP	●	●	●	●	●	●	●			

Materials

Name	Steels	Cast iron	Stainless steel	Aluminum	Yellow metals	Titanium	Carbide	Glass ceramics
COOLCUT™ NEO AP	●	●	●	●	●			

Technical Data

Density (15 C°) = [g/cm³] 0,88
 Viscosity (40 C°) = [mm²/s] 25
 Pour point [C°] = -12
 Flashpoint [C°] = 180

Cutting Performance

Level	LOW	HIGH		EXTREME
	Automatic turning	Medium severe operations	Stainless steels	Ti, Ni
CP-Index	01	50		99

ORDERING INFORMATION

Name	Product Number	Size
COOLCUT™ NEO AP	58-B 307	20 L
COOLCUT™ NEO AP	58-B 308	200 L



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