

Motorenöle

Motor oils

Getriebeöle

Gear oils

Zweitaktöle und Traktorenöle

Two-stroke oils and tractor oils

Hydrauliköle

Hydraulic oils

Industrie- und Spezialschmierstoffe

Industrial and specialty lubricants

PENNASOL HEAVY CUT 10 (metalworking oil non water miscible)

PENNASOL HEAVY CUT 10 is a grinding and cutting oil for the application on steel and stainless steel. Because of its good flushing properties and high lubricity PENNASOL HEAVY CUT 10 is well suited for tooth flank grinding and medium cutting processes up to easy deep drilling operations. The base oil with low volatility and high viscosity index secures very good product stability and long-term process reliability.

Application:

alloyed steel	unalloyed steel	aluminium	yellow metals
XX	XXX	X	X

XXX: excellent suitable

XX: very well suitable

X: suitable

-: not recommended

Active Components:

Ester	S (active)	S (not active)	P
X	X	XX	X

XX: high level

X: normal level

-: not contained

Technical Data:

value	unit	method	HEAVY CUT 10
viscosity 40°C	mm ² /s	DIN 51562-1	10,0
density 15°C	kg/m ³	DIN EN ISO 12185	864
flash point	°C	DIN ISO 2592	160
copper corr.	Grad	ASTM D 130	4b

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