

TOTAL VULSOL 5000



Metalworking



TOTAL

Fully synthetic metalworking fluid for ferrous metal

Application

Grinding: 3–5%
Cutting: 4–10%
Cast iron: 10%

- Vulsol 5000 is a synthetic metalworking fluid suitable for grinding and cutting process under low to medium working severity of ferrous metal.
- Vulsol 5000 is suitable for the grinding and cutting process of ferrous metal and copper alloy.
- Vulsol 5000 is not suitable for aluminum alloy process.

Advantage

- Excellent tramp oil rejection. Working fluid remains transparent for a long time.
- The excellent wetting and cooling capabilities mean improved tolerances and better surface finish on machined parts.
- Low foaming even in soft water.
- Free of nitrite, phenol, phosphorus and sulfur.
- Moderate acidity, minimal irritation to human skin.
- Excellent stability over time. Natural resistance to bacterial growth.
- Excellent cleaning performance to keep machine and work piece clean.

Typical data

Items	Units	Method	Vulsol 5000
Appearance	-	Visual	yellow
density(20°C)	kg/m ³	ASTM D1298	1065
chip test(IP287)	-	IP 287	0
pH (DI water)	5%	DIN 51369	9.6
Refractometric factor	-	Refractometer	2

Above characteristics are mean values given as an information.