

MARTOL SOLUBLE ST



Metalworking



Soluble pressing oil.

UTILISATIONS

- Forming and machining operations on hard steels and aluminium alloys.
- **MARTOL SOLUBLE ST** has been homologated by RENAULT S.A., as a forming oil under its experimental number of PX 3390.

ADVANTAGES

- Doped mineral oil without any additive containing chlorine and formaldehyde free.
- Very high extreme-pressure properties.
- Excellent lubricity.
- Easy degreasing using hot alkaline detergents or solvents.
- Excellent cooling capabilities.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MARTOL SOLUBLE ST
CONCENTRATE			
Density at 15°C	ISO 3675	kg/m ³	966
Kinematic viscosity at 40 °C	ISO 3104	cSt	51.8
Base number	ISO 3771	mgKOH/g	11.5
Storage stability:	NF T 60197	1 week	
- at 40 °C	-	-	
- at room temperature	-	-	Good stability
Refractometric factor	-	-	Good stability
			0.86
EMULSION at 5%			
Appearance	Visual	-	Lightly milky
Emulsification	NF T 60187	0 to 5	0
Storage stability	NF T 60187	0 to 2	0
pH	NF T 60193	-	8.3
Corrosion ferrous metals	NF T 60186	C/P	1/2
Aluminium corrosion	-	P/L	0/0
Antirust test (30°TH CaCl ₂)	IP 287	% rusted	7
Extreme-pressure properties			
Four ball EP test at 10 %	ASTM D 2783	-	
. Load before seizure	-	daN	160
. Welding load	-	daN	200

The values of the characteristics shown in this table are typical values given as an indication.