



# Metalworking **MARTOL 9107 IN**



## Heavy Duty Forming Fluid

### PRODUCT PROFILE



- Martol 9107 IN is a heavy duty forming fluid meant to meet ferrous forming application.
- Martol 9107 IN is made out of specialty esters, detergents, flocculants, and high molecular weight Extreme Pressure additives. The presence of friction modifiers helps in attaining better surface finish by reducing friction and built-up of heat

### APPLICATIONS

- Martol 9107 IN is designed for use in most modern production engineering application such as thick wheel disk, sprockets and fine blanking operation.
- Used in thick wire drawing application done at single pass.
- Suitable for stand alone as well as centralized lubrication system
- Recommended for deep drawing & rolling of SS tubes.

### ADVANTAGES

- Superior lubricity character enhances die life, saves time and money.
- Higher thermal conductivity reduces burn marks and soot formation thus improves surface finish
- Built-in friction modifier reduces heat, thus it can be operated at high speed without any metal seizure.
- Higher degree of oxidation stability reduces sludge formation and frequent machine cleaning.
- Its easy wash character helps in subsequent painting operation hassle free.
- Operator and environment friendly.

Typical Characteristics	Reference Methods	MARTOL 9107 IN
Colour	Visual	Light brown liquid
Density at 29.5°	ASTM D 1298	0.978
Flash point PMCC, C	ASTM D 93	260
Viscosity @ 100 c	ASTM D 455	22
Presence of Friction Modifier	INTERNAL	Yes
Acid Number, mg. of KOH/gm	INTERNAL	< 1
Copper Corrosion	ASTM D 130	4c

Above characteristics are mean values given as an information.

#### TOTAL OIL INDIA PVT. LTD.

Head Office : 3<sup>rd</sup> Floor, The Leela Galleria, Andheri-Kurla Road, Andheri (E), Mumbai - 400 059. Tel. : 022 66407700 Fax : 022 66407720  
Regional Offices : Chennai Tel. 044 28412790/28412823, Mumbai Tel. 022 25705775/6/7, Noida Tel. 0120 2516794/5/6, Kolkata Tel. : 033 66228200 / 8209

Date 01/12

All reasonable care has been taken to ensure that the information provided here is accurate as of date of printing. However due to continual product development, the information contained herein is subjected to change without notification. MSDS can be obtained from our local representative or can be down loaded from

[www.total.co.in](http://www.total.co.in)