

MULTIDRAW WIRE DRAWING TDR- 500, 550

Multidraw Wire Drawing Lubricants

DESCRIPTION

TDR-500 was developed in mineral lubricant especially for use as a lubricant for drawing aluminum. It can be used neat and these lubricants do not interfere with coating.

TDR-550 (synthetic) is a partly synthetic lubricant specially intended for the wire drawing, deep drawing and die-cutting of steels, including stainless steel.

By using it in progressive dies one can achieve splendid result with a slight impregnation of belt, which minimizes the consumption rates .It protects the equipment against wear and corrosion very effective and it can be easily removed by solvents and alkaline detergent in the hot. This dramatically lowers the coefficient of friction of steel to aluminum, aluminum to aluminum and can also be used on stainless steel, bronze, brass, galvanized steel, titanium and other metals.

APPLICATIONS & USAGE

Before **TDR-500** is charged into a system, machines should be thoroughly cleaned. In order to obtain optimum results from **TDR-500**, the system must be kept free of moisture.

Before **TDR-550** is applied by dripping, recirculation, and impregnation with rollers or belt. It is used for deep drawing of all kind of steel wires also.

(MOISTURE INCREASES DIE WEAR AND GIVES A POOR SURFACE FINIS--H). Sump temperatures are regulated at 120°F ± 10°F (49± 5 oC). At no time should the temperature be allowed to drop below 85°F (29.4oC) or exceed 150°F (66.0oC).

FEATURES & BENEFITS

- High oxidation stability.
- It provides excellent lubricity
- Excellent wear protection.
- No corrosion.
- Good surface finish

PROPERTIES

SPECIFICATIONS	TDR-500	TDR-550
Appearance	Reddish Brown	Brown Clear Liquid
Specific gravity (30°)	0.95	1.1
Viscosity at 40°C	30	220 Cst
Flashing Point, COC,	200	> 230 OC
Pour Point OC	1a	- 5 OC
Welding load	> 250 kg	> 500 kg
Chlorinated additives	present	present

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