

Lubricant for metal processing by deformation – deep drawing ISO L-MAI

PRES[®] 626

PRES[®] 626 is metalworking lubricant based on animal origin fat, emulsifier, EP- and AW-additive (compounds based on phosphorus and inactive sulfur) and additives that provide excellent protection against corrosion.

ADVANTAGES

- Excellent lubricating and cooling properties,
- Excellent anticorrosion properties,
- High thermal stability,
- It easily emulsifies with water, thus creating pseudoemulsion,
- Easy degreasing after long storage of items,
- Economical,
- It does not irritate or dry out the skin.

QUALITY LEVEL

ISO 6743-7, ISO L-MAI,
ISO/TS 12927

APPLICATION

PRES[®] 626 is recommended for lubrication and cooling in complex operations of deep drawing of steel sheets, light metal and non-ferrous metal sheets in metalworking industry and in household appliances industry.

It is applied in procedure of drawing and stretching of sheets where drawing depth is approximately the same as the drawing diameter. It is applied in making blanks for propane-butane gas bottles, boiler containers, bases for manual construction trolleys, bath tubs, washing machines, dishes (made of enamel, aluminum, stainless steel), brass parts of household appliances.

Type of processing	Low-alloy steels	High-alloy steels	Non-ferrous and light metals
Drawing	***	***	**

*** the best, ** acceptable

PRES[®] 626 is used in concentrate form or diluted with water in the ratio 1:1 to 1:20. Emulsion is prepared by gradually adding water in the PRES[®] 626 concentrate up to the desired concentration, with intensive stirring.

It is applied by brush, sponge, roller or spray gun (if it is used as pseudoemulsion) to treated objects.

It is removed from the blanks by water solution of industrial washing products or by organic solvents. The blanks welding is possible without previous degreasing.

ADDITIVE CONTENT

Esters	Sulfur		P	K	Na	Zn	Cl
	active	inactive					
+	-	+	+	+	+	+	-

TYPICAL CHARACTERISTICS

CONCENTRATE			
CHARACTERISTICS	METHOD	UNITS	VALUE
Appearance	visual	-	consistent lubricant
Kinematic viscosity at 100°C	ISO 3104	mm ² /s	11
Copper corrosion (100°C/3h)	EN ISO 2160	degree	1a
Corrosion on steel	ISO 7120	-	no
EMULSION 5 - 50%			
CHARACTERISTICS	METHOD	UNITS	VALUE
Appearance	visual	-	milky
Copper corrosion (100°C/3h)	EN ISO 2160	degree	1a
Corrosion on steel	ISO 7120	-	no

STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight, nor at the temperatures below 0°C.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Plastic pails of 20 L and tin drums of 180 kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.