

## Oil for metal processing by deformation – deep drawing ISO L-MHE

### PRES<sup>®</sup> 30

PRES<sup>®</sup> 30 is inactive non-emulsifiable oil produced from refined mineral oil. It contains high-pressure (EP) additives, corrosion inhibitors, anti-wear (AW) additives for deep drawing and synthetic polar additives.

#### ADVANTAGES

- Easy to apply,
- Good adhesion to metal surfaces,
- Good shear resistance,
- Good degreasing after long storage of items,
- Good protection against corrosion,
- High thermal stability,
- Blanks welding is possible without previous degreasing.

#### QUALITY LEVEL

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

#### APPLICATION

##### PRES<sup>®</sup> 30:

- For complex operations of deep drawing and drawing down of steel sheets and non-ferrous and light metal sheets up to 2mm thick,
- In metalworking industry and household appliances industry,
- It is applied by brush, sponge, roller or by spray gun to treated objects
- At the end, it is removed from the blanks by water solution of industrial washing products and by organic solvents.

#### ADDITIVE CONTENT

Esters	Sulfur		P	Ca	Zn	Cl
	active	inactive				
+	-	+	+	+	+	+

#### TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	VALUES	METHODS
Appearance	-	clear	Visual
Density at 15°C	g/ml	0,920	EN ISO 3675
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	100	ISO 3104
Flash point	°C	min 190	EN ISO 2592
Copper corrosion (100°C/3h)	degree	1a	EN ISO 2160
Corrosion on steel	-	no	ISO 7120

#### 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, tin drums of 180 kg and plastic container of 850 kg.

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

