

# ETIRELF T 474 FE/B



*Metalworking*



Paste-type stamping product.

ETIRELF T 474 FE/B corresponds to the MAI category of the ISO 6743/7 standard.

## UTILISATIONS

- **ETIRELF T 474 FE/B** permits cold rolling of zirconium tubes.
- **ETIRELF T 474 FE/B** is also used for deep stamping such as gas cylinders, car headlights, steel helmets, car body parts, etc...

## ADVANTAGES

- Very considerable film resistance : thanks to its oiliness and extreme-pressure additives, **ETIRELF T 474 FE/B** makes it possible to prevent deep drawing cracks or breaking of parts during stamping operations.
- good antirust protection.
- Maximum reduction of the friction coefficients in the deformation zone and in particular in the vicinity of the tool.
- Very considerable wettability and good adherence.

## APPLICATION AND ELIMINATION

- **ETIRELF T 474 FE/B** is used in pure form in the case of difficult stampings but can be used diluted with water for easier operations. In order to determine the optimal rate of use, one is advised to gradually add the dilution water to the **ETIRELF T 474 FE/B** until such time as the desired consistency is obtained.
- Degreasing is easily achieved using alkaline lyes or the customary petroleum solvents.

TYPICAL CHARACTERISTICS	METHODS	UNITS	ETIRELF T 474 FE/B
Type			reverse emulsion
Appearance			oily
Colour			light beige
Dry extract	ASTM D 4712	%	57
Acid value	ASTM D 974	mgKOH/g	13
TBN	ASTM D 2896	mgKOH/g	12

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