

Petrofer Special Lubricants Co.,Ltd.

PRODUCT INFORMATION

ISOFORM TD 50

METAL FORMING LUBRICANT

ISOFORM TD 50 is a high viscosity, mineral oil containing and water immiscible forming lubricant.

Due to its highly effective lubrication and its chemical activity in the gap between tool and work piece the product is especially suitable for drawing, cutting and press forming operations on difficult steel and aluminium materials.

ISOFORM TD 50 has given excellent performance in screw forming operations resulting in well formed parts even in case of difficult flow structures.

ISOFORM TD 50 contains mineral oils which are considered harmless according to IARC monograph, i.e. they do not have any carcinogenic potential.

Physical Data :

Colour	brown		visual
Spec. Gravity/20°C	1.26	g/cm ³	DIN 51 757
Viscosity/20°C	approx. 4450	mm ² /s	DIN 51 562/1
Viscosity/40°C	600	mm ² /s	DIN 51 562/1
Flash Point	> 220	°C	ISO 2 592
Neutralisation No.	0.5	mg KOH/g	DIN 51 558
Pour Point	- 1	°C	ISO 3 016

Handling and Storage

ISOFORM TD 50 should be treated like mineral oil. No special measures are required concerning handling and storage. As the product contains chlorine it should not be mixed and disposed of with normal waste.

Only valid in combination with EC-Safety-Data-Sheet.

Warranty

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of PETROFER-products are not to be constructed as recommending the infringement of any patent.