

## Castrol Optileb TC 5

Food Grade Oil

### Description

OPTILEB® TC 5 is a water-clear, low-viscous, fully synthetic high-performance lubricant for special applications in the food, beverage as well as pharmaceutical industries.

OPTILEB® TC 5 only contains raw materials which are listed in the Guideline of Security 21 CFR 178.3570 of the FDA and which are in conformity with NSF H1.

### Application

- Stamping tools in dusty environments
- Wetting of deep-drawing sheet steel
- For cleaning purposes where a thin oil with good penetration is recommended which must be physiologically safe
- Special maintenance units

### Advantages

- physiologically safe
- odorless and tasteless
- good penetration and wetting ability
- minimum binding of dust
- colorless, transparent

### Typical Characteristics

	Test method	Unit	Value
<b>CASTROL OPTILEB®</b>	-	-	<b>TC 5</b>
Color	visual	-	transparent
Base	-	-	PAO
ISO viscosity group	DIN 51519	-	5
Density at + 15°C/+ 59°F	DIN 51757	kg/m <sup>3</sup>	800
Kin. viscosity at + 40°C/+ 104°F + 100°C/+ 212°F	DIN 51562	mm <sup>2</sup> /s	5.13 1.72
Viscosity index	DIN ISO 2909	-	100
Pour point	DIN ISO 3016	°C °F	-69 -92.2
Flash point	DIN ISO 2592	°C °F	150 302

1 mm<sup>2</sup>/s  $\hat{=}$  1cSt

## Additional Information

- OPTILEB® TC 5 is compatible with all conventional plastics and sealing materials which are resistant to low-viscous mineral oils.
- OPTILEB® TC 5 is also available as spray.

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