

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 and pharmaceutical industries. OPTILEB® TC 5 is formulated using only 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 requirements for incidental contact with foodstuffs.

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

Name	Method	Units	Optileb TC 5
Colour	ASTM D1500	-	Transparent
Base Oil	-	-	PAO
ISO Viscosity group	-	-	5
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	800
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	5.13
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	1.72
Viscosity Index	ISO 2909 / ASTM D2270	-	100
Pour Point	ISO 3016 / ASTM D97	°C/°F	-69 / -92
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	150 / 302

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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