

Product Data Sheet

CASTROL OPTILEB[®] PR

Physiologically safe special oil for compressed-air conditioners,
USDA H1 authorized

DESCRIPTION

CASTROL OPTILEB[®] PR is a clear high performance lubricant with USDA H1 authorization. It is especially designed for the special requirements of the food, beverage as well as pharmaceutical industries.

It is based on especially pure, highly refined white oils and carefully selected additives.

APPLICATIONS

- For compressed-air conditioners in the food, beverage and pharmaceutical industries, where there may be exposure of the lubricated part to the edible product or its packaging.
- For the trouble-free operation of valves, pistons and compressed-air tools.

ADVANTAGES

- OPTITEC[®] - OPTIMOL technology
- physiologically safe, USDA H1 authorized
- odorless, tasteless and colorless
- released, oil-containing compressed air does neither affect the quality nor the taste or the appearance of the product or its packaging
- good lubricity
- economical use
- good corrosion protection

NOTES FOR USE

- CASTROL OPTILEB[®] PR is compatible with all conventional plastics and sealing materials.
- Regular filling of the inspection glass, correct setting of the drop number according to the machine manufacturer's specifications.
- Regular emptying of the water separation container guarantees optimum functioning and trouble-free operation of the systems.

CASTROL OPTILEB[®] PR

Technical data

	Unit	Value	Test method
CASTROL OPTILEB[®]	-	PR	-
Color	-	slightly yellowish	visual
Base	-	mineral oil	-
ISO viscosity grade	-	15	DIN 51519
Density at + 15°C/+59°F	kg/m ³	850	DIN 51757
Kin. viscosity at + 40°C/+ 104°F + 100°C/+ 212°F	mm ² /s	17.5 3.6	DIN 51562
Pour point	°C °F	- 15 + 5.0	DIN ISO 3016
Flash point	°C °F	170 338	DIN ISO 2592
Copper corrosion protection	-	1a	ASTM D-130
Steel corrosion protection	-	0 - A	DIN 51355

1 mm²/s $\hat{=}$ 1cSt

These technical data are based on average test results. Minor deviations may occur from case to case.

For further product information please contact the Technical Service of Castrol Industrie GmbH.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.