



## Product Data Sheet

**OPTIMOL VISCOLEB** oils are chain lubricants especially developed to meet the requirements of the food and beverage industries. They are water-resistant and have a high load carrying capacity.

**OPTIMOL VISCOLEB** oils are odorless and tasteless. Special additives specifically protect lubricated components from wear and prevent corrosion.

**OPTIMOL VISCOLEB** chain lubricants are USDA H1 approved and therefore suited for applications where there may be incidental contact with food.

### APPLICATIONS

For the special requirements in the food and beverage industries where there may be direct exposure of the lubricated part to the edible product or its packaging.

For chains of production, filling and packaging machines.

For slideways, central lubrication systems, spraying systems (product consolidation) in processing environments.

**OPTIMOL VISCOLEB 32** especially for chains in the low-temperature range e.g. in frosters or freezers.

### ADVANTAGES

- USDA H1 authorized
- physiologically safe
- odorless and tasteless
- transparent
- resistant to water
- compatible with mineral oil, therefore no prior cleaning of the chains when converting to **OPTIMOL VISCOLEB**
- good penetration
- excellent adherence
- optimum corrosion and wear protection
- possible product consolidation
- wide temperature range: from -30°C/-22°F to +200°C/+392°F

### NOTES FOR USE

**OPTIMOL VISCOLEB** oils are compatible with mineral oil, therefore prior cleaning of the chains is not necessary during conversion.

However, cleaning of heavily contaminated chains is advisable in order to insure easy penetration of **OPTIMOL VISCOLEB** oils.

For application in central lubrication and spraying systems please utilize the viscosity grade appropriate for the system and components.

## TYPICAL PROPERTIES

## OPTIMOL VISCOLEB

	<u>32</u>	<u>150</u>	<u>1500</u>
Color	transparent		
Base	polyalphaolefin		
ISO viscosity grade, ASTM D 2422	32	150	1500
Specific Gravity, ASTM D 1298, g/cm <sup>3</sup> @ 15°C/60°F	.830	.850	.870
Viscosity, ASTM D 445, 2161, mm <sup>2</sup> /s @ 40°C/104°F @ 100°C/ 212°F	31.0 5.8	144.0 18.6	1443 103.0
Viscosity Index, ASTM D 2270	128	145	158
Pour Point, ASTM D 97	<-60°C/<-76°F	-42°C/-43.6°F	-24°C/-11.2°F
Flash Point, ASTM D 92, COC °C/°F	220°C/428°F	236°C/457°F	224°C/435°F
Copper Corrosion, ASTM D 130	1a	1a	1a
Rust Test, ASTM D 665A	Pass	Pass	Pass

Subject to Usual Manufacturing Tolerance