



Viscoleb Spray Range

Fully synthetic chain lubricants, NSF H1 authorized

Description

Viscoleb™ Sprays 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.

Viscoleb Sprays are tasteless and odorless oils. Special additives specifically protect from wear and prevent corrosion.

Viscoleb Spray chain lubricants are NSF H1 authorized and therefore suited for applications where a direct exposure of the lubricated part to the edible product is possible due to technical reasons. They are also Kosher and Halal approved.

Application

- 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)
- Viscoleb 32 Spray especially for chains in the low-temperature range e.g. in frosters
- Temperature application ranges:
 - Viscoleb 32: - 60°C/- 76°F to + 150°C/+ 302°F
 - Viscoleb 280: - 30°C/- 22°F to + 200°C/+ 392°F
 - Viscoleb 1500: - 20°C/- 4°F to + 200°C/+ 392°F

Advantages

- NSF H1 authorized
- Tasteless and odorless
- Transparent
- Resistant to water
- Compatible with mineral oil, therefore no prior cleaning of the chains when converting to Viscoleb
- Good penetration
- Excellent adherence
- Optimum corrosion and wear protection

Typical Characteristics

Name	Method	Units	32	280	1500
Colour	Visual	-	transparent	transparent	transparent
Base oil	-	-	polyalphaolefin	polyalphaolefin	polyalphaolefin
ISO Viscosity		-	32	280	1500
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	830	850	870
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	31	286.3	1443
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	5.8	30.6	103.0
Viscosity Index	ISO 2909 / ASTM D2270	-	128	145	158
Pour Point	ISO 3016 / ASTM D97	°C/°F	< -70/< -76	-36/-32.8	-24/-11.2
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	220/428	232/449.6	224/435.2
Copper corrosion (24 hrs@100°C/ 212°F)	ISO 2160 / ASTM D130	Rating	1a	1a	1a
Rust test - distilled water (24 hrs)	ISO 7120 / ASTM D665A	-	0	0	0

Subject to usual manufacturing tolerances.

Additional Information

- Above properties are without (Propane/Butane) propellant.
- 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 ensure easy penetration of Viscoleb.
- For application in central lubrication and spraying systems please observe the specified viscosity.

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