

Specialty Base Oil for Lubricants and Metal Working Fluids

BERYLANE is a range of high performance, low viscosity base oils specially developed for Lubricants & Metal Working Fluids (MWF). Its outstanding purity and the complete absence of odor and color combined with superior ageing stability and mildness to the skin makes it perfectly suitable for the formulation of first-rate metal-working fluids.



Product identifier

RELATED CAS : 64742-46-7

EC Number : 934-956-3

EC Name : Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

REACH : 01-2119827000-58

Characteristics

MEASURE	UNIT	METHOD	TYPICAL VALUE
Density at 15°C	kg/m ³	ASTM D 4052	814.3
Appearance at 15°C	-	Visual	Clair & Limpide
Saybolt Colour	-	ASTM D 6045	30.0
Pensky-Martens Flash Point	°C	ASTM D 93	121.0
Initial Boiling Point	°C	ASTM D 86	256.9
5% Distillation Point	°C	ASTM D 86	266.6
90% Distillation Point	°C	ASTM D 86	303.4
95% Distillation Point	°C	ASTM D 86	315.2
Dry Point	°C	ASTM D 86	321.0
Aromatic content	ppm (m/m)	UV	36.6
Benzene content	ppm (m/m)	ASTM D 6229	0.0
Sulfur Content	ppm (m/m)	ASTM D 5453	0.1
Water content	ppm (m/m)	ASTM D 6304	23.7
Kinematic viscosity at 20°C	mm ² /s	ASTM D 445	5.74
Kinematic viscosity at 40°C	mm ² /s	ASTM D 445	3.57
Kinematic viscosity at 100°C	mm ² /s	ASTM D 445	1.38
Pour Point	°C	ASTM D 97	-24.0
Aniline Point	°C	ASTM D 611	89.3
Refractive Index at 20°C	-	ASTM D 1218	1.4503

Applications

- Lubricants & metal working fluids

Additional information

- Considered as a Group II+ or Group III Base oils Metal Working Fluid.
- Comply with FDA 21CFR 178.3620(b).
- Fulfil the purity requirement of EU pharmacopoeia.
- Not a VOC (Volatile Organic Compound) according to directive 1999/13/EC.
- Classified Readily Biodegradable according to OECD Guidelines.

Health, Safety & Environment

For safety information, please refer to the current safety data sheet, available at ms-sds.totalenergies.com.

Storage

Product must be stored under the conditions indicated on the current safety data sheet, in an unopened packaging, protected from light, moisture, dust and heat sources.

Warranty

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