

OXO OIL LS 9

CAS NO.

68938-03-4

APPLICATIONS & PROPERTIES

Oxo oil LS 9 is a C8-rich hydrocarbon mixture with a very narrow boiling range.

PRODUCT SPECIFIC FEATURE

Oxo oil LS 9 is a paraffin-olefin-mixture.

APPLICATION FIELDS

Oxo oil LS9 can be used as solvent and blend component.

TRANSPORT & LOGISTICS

The product is available in tank trucks and tank containers.

SPECIFICATION

Property	Value	Unit	Method
Acid number	max. 5	mg KOH/g	DIN EN ISO 2114
OH-number	max. 30	mg KOH/g	DIN 53240
Water content	max. 3,000	mg/kg	DIN 51777 T1
Dynamic viscosity	max. 1	mPa · s (20 °C)	DIN EN ISO 3104
Freezing point	max. – 60	°C	DIN 51007

PHYSICAL DATA (LITERATURE DATA)

Property	Value(ca.)	Unit	Method
Density (15 °C)	0.72 – 0.73	g/ml	DIN EN ISO 12185
Flash point	< 10	°C	DIN EN ISO 13736
Ignition point	250	°C	DIN 51794
Gross calorific value	45,000	J/g	DIN 51900
Net calorific value	42,000	J/g	DIN 51900

TYPICAL COMPOSITION

65 - 85 % saturated C₇-C₉ hydrocarbons

15 - 35 % C₇-C₉-Olefins

<5 oxygenated compounds (alcohols, aldehyds, esters)

DESTILLATION CURVE (ASTM D 1078)

Boiling range: 115 – 135 °C

(95 Vol.-%; 0 – 95 ml)

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