

# OXO OIL LS 13

## CAS NO.

68526-92-1

## APPLICATIONS & PROPERTIES

Oxo oil LS 13 is a C12-rich hydrocarbon mixture with a very high olefin content und a very narrow boiling range.

### PRODUCT SPECIFIC FEATURE

Oxo oil LS 13 is a paraffin-olefin-mixture.

### APPLICATION FIELDS

Oxo oil LS 13 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. 0.1   | mg KOH/g        | DIN EN ISO 2114 |
| OH-number         | max. 100   | mg KOH/g        | DIN 53240       |
| Water content     | max. 5,000 | mg/kg           | DIN 51777 T1    |
| Dynamic viscosity | max. 3     | mPa · s (20 °C) | DIN EN ISO 3104 |
| Freezing point    | max. – 60  | °C              | DIN EN ISO 5764 |

## PHYSICAL DATA (LITERATURE DATA)

| Property                  | Value(ca.)  | Unit | Method                                          |
|---------------------------|-------------|------|-------------------------------------------------|
| Density (15 °C)           | 0.77 – 0.80 | g/ml | DIN EN ISO 12185                                |
| Flash point (1013 hPa)    | 70          | °C   | DIN EN ISO 2719<br>(Pensky-Martens, Closed Cup) |
| Ignition point (1013 hPa) | 205         | °C   | DIN 51794                                       |
| Gross calorific value     | 46,500      | J/g  | DIN 51900                                       |
| Net calorific value       | 43,000      | J/g  | DIN 51900                                       |
| C-weight %                | 84 – 86     |      |                                                 |
| H-weight. %               | 14 – 16     |      |                                                 |
| O-weight %                | 1           |      |                                                 |

## DESTILLATION CURVE (ASTM D 1078)

Boiling range: 195 – 225 °C  
(95 Vol.-%; 0 – 95 ml)

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