

MOL Process DK 500

process oil



MOL Process DK 500 is a paraffinic process oil, containing no additives. It is produced from paraffinic crude oil fractions using distillation, solvent refining and subsequent hydrofinishing.

Application



Process oil for the rubber industry

Features and benefits

Application specific composition

Excellent plasticity properties

Low volatility

Provides lower environmental and health impact during manufacturing
Stable product quality: rubber mixture does not form layers during vulcanisation
Economical use

Excellent colour stability

No change in product colour

High degree of refining

Consistent oil quality, which is easily aligned to technology

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,884
Kinematic viscosity at 40°C [mm ² /s]	100
Kinematic viscosity at 100 °C [mm ² /s]	10,8
Viscosity index	91
Pour point [°C]	-12
Flash point (Cleveland) [°C]	260
Neutralization number [mg KOH/g]	0,01
Oxide ash [mass %]	0,002
Noack volatility [mass %]	3
Carbon distribution	
- aromatic hydrocarbon content [mass %]	5
- naphthenic hydrocarbon content [mass %]	31
- paraffinic hydrocarbon content [mass %]	64
Sulfur content (RFS) [mass %]	<0,4
Micro carbon residue [mass %]	0,03

The characteristics in table are typical values of the product and do not constitute a specification.

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Storage and handling instructions

Store in the original container in dry, properly ventilated area.

Keep away from direct flame and other sources of ignition.

Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

In the original container under the recommended storage conditions: 48 months

Recommended storage temperature: max. 40°C