

Oils for slide ways

RC

RC oils for slide ways are designed to lubricate all types of slide-ways. They are received from crude oil preservative distillation and are selectively solvent- and hydrorefined. The oils contain ash-free additives improving lubrication and anticorrosion properties as well as the anti-oxidation resistance and they also contain antifoam and demulsifying additives.

Characteristics:

The oil formula guarantees:

- optimum protection of the lubricated elements surfaces,
- good adhesion to the lubricated surfaces,
- minimised effect of oil dripping,
- very good demulsifying properties,
- hydrolytic stability,
- anti-wear protection and long life of the lubricated system elements.

The oils are designed for lubrication of slide-ways:

- horizontal and vertical,
- under various mechanical loads,
- at wide temperature range.

№	Requirements	Research methods by	Unit	Value		
				32	68	220
1.	Kinematic viscosity at 40 ⁰ C	ASTM D-445	mm ² /s	32	68	220
2.	Pour point	ASTM D-5950	⁰ C	-12	-12	-15
3.	Flash point	PN-EN ISO 2592	⁰ C	200	220	235
4.	Demulsifying properties	PN-86/C-04065	min	30	30	30
5.	Viscosity index	ASTM D-2270		100	100	95

The above given data are typical values for a production batch, they are not included in the technical specification, and they are subject to change due to continual product research and development.

Application Recommendations:

- RC 32 and RC 68 oils for slide-ways are recommended for lubrication of horizontal slide-ways operating at moderate temperatures and under medium loads,
- RC 220 oils slide-ways are recommended for lubrication of vertical slide-ways and precision guides operating at increased temperatures and under heavy loads.

The RC oils guarantee proper performance of guides with particular stress on proper friction characteristics and elimination of stick-slip.

Specifications , classifications:

ANFOR E60.200; DIN 51502 class CG; CGLP

ISO/T.R3498: 1996 class G

CINCINNATI-MILACRON:

- RC 32 oil - Cincinnati Milacron P-53
- RC 68 oil - Cincinnati Milacron P-47
- RC 220 oil - Cincinnati Milacron P-50

Packaging:

180kg, 1 tonne

Storage:

The products should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low. The expiry date is 3 years if the storage conditions are satisfied.

Health, Industrial Safety and the Environment:

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the products used. LOTOS Oil SA and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil SA office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

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