

## Novarol Tex S-Series

### Special High Performance washable Needle and Sinker oils for High speed circular knitting machines.

#### DESCRIPTION:

The oils of the **Novarol Tex S-Series** are special oils for lubrication of needles and sinkers with very good lubrications properties.

These high performance needle and sinker oils are based on highly refined mineral oils and synthetic ester. The very special additives enable this high performance textile oil to fulfill all operations requirements of modern knitting machines. They contain an additional amount of washable additives

#### ADVANTAGES:

- The specially matched additives of these oils guarantee a minimum wear of the movable parts, such as needles and sinkers and a high oxidation resistance.
- The cleaning effect achieved by the use of special additives and prevents the formation of deposits.
- The oils of **Novarol Tex S- Series** emulsify quickly with water and the wash liquors which used in the textile industry, the result is an excellent washability of the oil.
- The excellent frictional behavior saves energy and reduces operating temperatures.
- A very good viscosity-temperature behavior ensures easier start-up of equipment and smooth operation even under temperature fluctuations .
- odorless and colorless
- the special additives guarantee an excellent lubricant behavior

#### APPLICATIONS:

The oils of the **Novarol Tex S Series** are universal circular knitting oils and are also suitable for circular jacquard knitting machines as well as Interlock, rib and all popular double jersey structures up to 4 needle tracks.

The **Novarol Tex S 32** and the **Novarol Tex S 46** are especially recommended for machines which have a coarser pitch and hosiery knitting machines and machines older series.

**Novarol Tex S 22** is recommended for high speed circular knitting machines

#### TECHNICAL DATA:

	Novarol Tex S		
	22	32	46
Kinematic viscosity ( mm <sup>2</sup> /s) at 40°C DIN 51519			
Viscosity class DIN 51519	ISO VG 22	ISO VG 32	ISO VG 32
Color	colorless/clear	colorless/clear	colorless/clear
Viscosity index DIN ISO 2909	101	103	104
Density at 15°C ( g/cm <sup>3</sup> ) DIN 51757	0,879	0,883	0,889
Flash Point (°C) DIN ISO 2592	210	219	225
Pourpoint (°C) DIN ISO 3016	-15	-15	-15

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#### STORAGE CONDITIONS:

Please store at clean and dry location in closed containers. We recommend to store the goods inside the building and to protect against frost, heat and direct sun exposure. For further information see also details in the MSDS (Material Safety Data Sheet).

The information in this product information based on general experience and knowledge of Boss Lubricants GmbH & Co. KG in the development and manufacture of lubricants and reflects our current status of knowledge. The performance of our products depends on many factors, in particular on the specific use, operating conditions, component pre-treatment, at risk of external contamination, etc. For this reason general statements about the function of our products are not possible. The information in this data sheet provides general, non-binding guidelines. Never they contain an assurance of properties or guarantee regarding the suitability of the product for the individual case.

It is the user's responsibility, to test the functional safety of the product in the field of application and to ensure a careful use of the product. Prior of using the product, we recommend our customers a personal consultation with one of our contact persons at Boss Lubricants GmbH & Co. KG, to receive comprehensive information about the operating conditions and performance characteristics of this product.

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