

Texparts® SLA – A New Manual Spindle Lubricating Apparatus for Complete Spindles

Fellbach, May 25th, 2010 – Oerlikon Textile Components has included in their product range the new Texparts® SLA Manual Spindle Lubricating Apparatus in addition to the well-proven Texparts® SLA Electrical Spindle Lubricating Apparatus. With this new lubricating apparatus Oerlikon Textile Components offers to their customers a solution for every spindle lubrication demand.

Reasons for Lubrication

The lubrication of a spindle bearing supports the extension of spindle lifetime and the reduction of energy consumption. Oil loses its lubricating effect over the time of use due to the oxidation and contamination with foreign particles. Therefore, a periodically oil change is required.

Oerlikon Textile Components now offers the new Texparts® SLA Manual Spindle Lubricating Apparatus with a manual oil pump which is based on the proven working principle of the well-established Texparts® SLA Electrical Spindle Lubricating Apparatus. Therefore, the users of the Texparts® SLA Manual Spindle Lubricating Apparatus will benefit from the same advantages as the Texparts® SLA Electrical Spindle Lubricating Apparatus. However, no power connection is required for the new Texparts® SLA Manual Spindle Lubricating Apparatus.

Clear Customer Benefits

The new Texparts® SLA Manual Spindle Lubricating Apparatus offers optimal lubrication results by a working principle that avoids over excessive lubrication. Therefore, the correct oil level is guaranteed. Moreover, there will be no contamination of the machine with oil and it offers an automatic flushing of the spindle bearing. The first filling already guarantees the oiling of the roller bearing.

The new Texparts® SLA Manual Spindle Lubricating Apparatus can be used for first lubrication and relubrication. Therefore, only one device is necessary for two tasks. The system-assisted quick and easy process leads to a lubricating time of only 10 seconds per spindle including the replacing of waste oil and the handling is also possible for non-specialists.

Working Principle

The spindle lubricating apparatus supplies clean oil and replaces waste oil simultaneously. The pump supplies the spindle bearing with clean oil. The incoming clean oil rinses the roller bearings. The clean oil extrudes the waste oil through the windings of the damping spring, the footstep bearing and then out of the bearing unit through the return pipe. The waste oil is fully replaced and the bearing carefully rinsed at the same time. The specific design of the lubricating adapters ensures the correct oil level which is automatically achieved inside the bearing unit. Extended lubricating time increases the rinsing effect but has no influence on the oil level. A shorter lubricating time decreases the rinsing effect. When the lubricating adapter is pulled from the spindle bearing unit, the channels for clean and waste oil in the lubricating nozzle are automatically locked. Overfilling of bearings or contamination of drive belts, belt channels or spindle rail is thereby avoided.

Flexible Solution

With the manual or electrical pumping principle, depending on customers' requirements, Oerlikon Textile Components offers a solution for every spindle lubrication demand. Adapters for main ring spinning machine types and spindles are available and can be used for both types of lubricating apparatus, the manual as well as the electrical.



Fig. Texparts SLA

About Oerlikon

Oerlikon (SIX: OERL) is a leading high-tech industrial group specializing in machine and plant engineering. The company is a provider of innovative industrial solutions and cutting-edge technologies for textile manufacturing, thin-film coating, drive, vacuum, solar energy systems and advanced nanotechnology. A Swiss company with a tradition going back 150 years, Oerlikon is a global player with around 16,000 employees at 157 locations in 36 countries and sales of CHF 2.9 billion in 2009. The Company invests more than CHF 200 million annually in R&D, with over 1 200 specialists working on future products and services. The operative businesses rank either first or second in their respective global markets.

About Oerlikon Textile Components

Oerlikon Textile Components with its well established product lines Accotex, Daytex, Fibrevision, Heberlein, Temco and Texparts is one of the worlds leading suppliers of quality determining components for all filament and staple fiber spinning applications.

Highest quality and reliability are the common characteristics of all products. Continuous development ensures that Oerlikon Textile Components will always strengthen its leading position as the component supplier of choice to the textile industry.

Oerlikon Textile Components with manufacturing facilities and sales offices in the Americas, Europe and Asia is headquartered in Switzerland. A global network of experienced representatives ensures prompt service and close contact with our customers in spinning mills as well as with the leading machine manufacturers. For further information visit: www.components.oerlikontextile.com

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