

Lubricant collector

Lubricant collector for the removal of used Lubricant from open gears



The disadvantage of open gears lubrication is that the lubricant on the teeth is gradually pushed to the side by the gear and drips off the teeth. With wind energy stations the lubricant gets into the environment where it may cause critical pollution. To avoid dripping, the wind energy stations are currently equipped with collection gutters which need to be cleaned with much care at each time the stations are serviced.

SKF Lubrication Systems Germany AG has developed an automatic lubricant collector to avoid the necessity of high-maintenance grease collecting devices such as collection gutters.

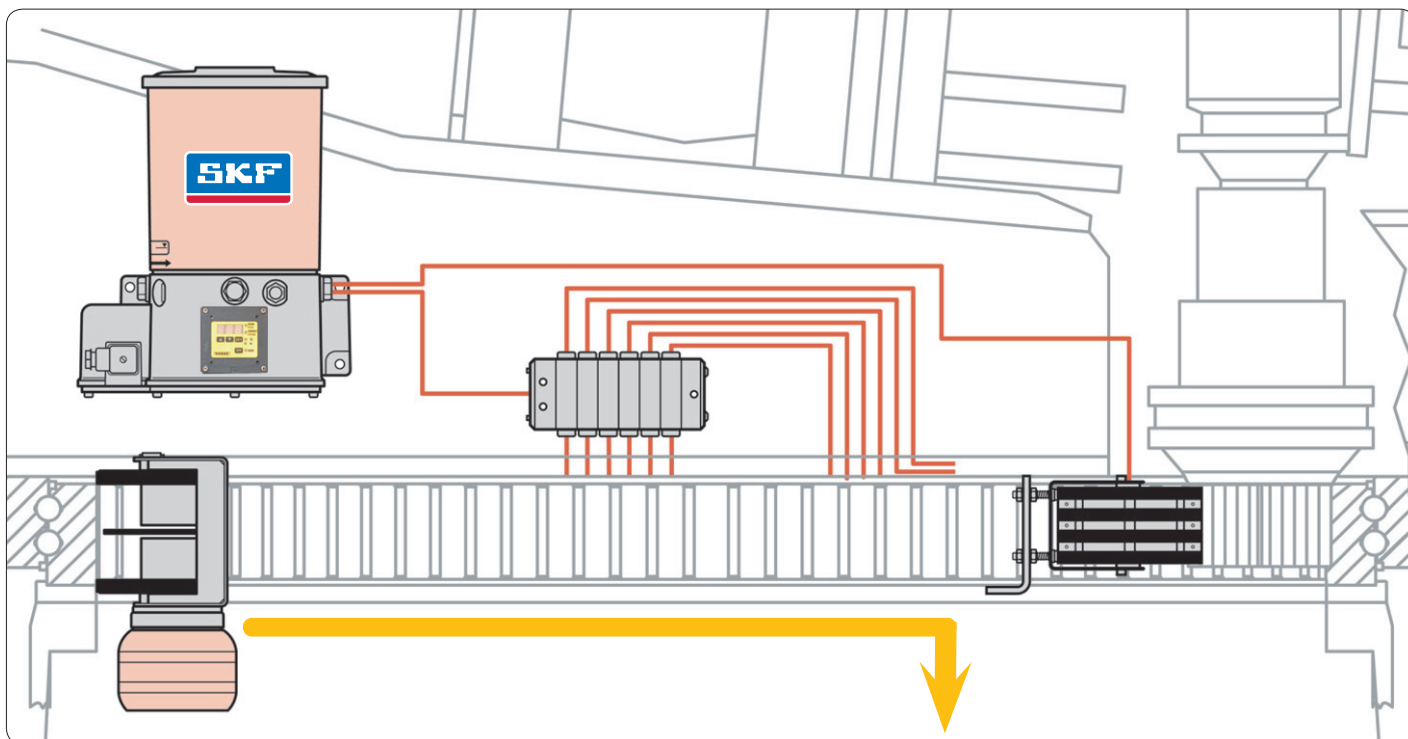
Special system advantages

- Discharge of used lubricant by means of the automatic lubricant collector
- No large-scale soiling due to dripping lubricant
- Simple and quick exchange of the collector tank

resulting in:

- reduced maintenance time
- Longer service intervals
- Reduced operating costs
- Environmentally friendly operation
- Reduced risk for exidents

Functional description

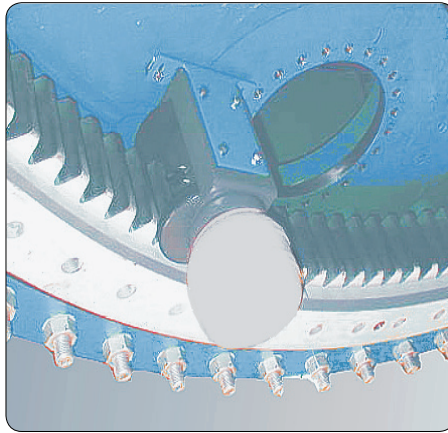
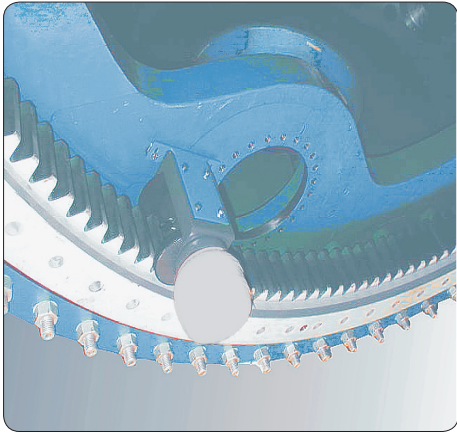


There is a gear wheel with two foam rubber plates on one axle. The intermeshing of the gear wheel and the toothed wheel causes the plates to move simultaneously. These wipes over the toothed wheel and thus continuously remove any excess lubricant from the front sides. The foam rubber plates go through a stripper from where the lubricant is taken to the container that has to be emptied regularly.

Lubricating collector



Lubrication sequence

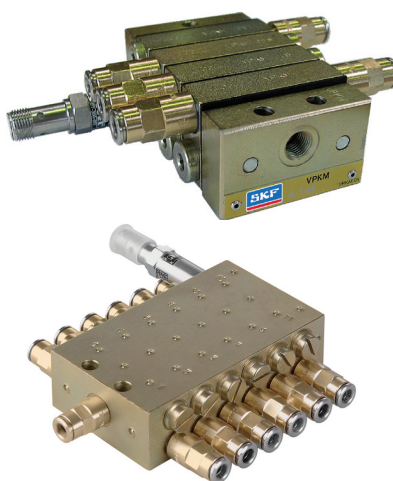


More products for open gear lubrication

Lubricant pinion



Progressive distributors



Grease pumps



See important product usage information the on back cover.

Order No. 1-0303-EN

Subject to change without notice! (07/2009)

Important product usage information

All products from SKF may be used only for their intended purpose as described in this brochure and in any instructions. If operating instructions are supplied with the products, they must be read and followed.

Not all lubricants are suitable for use in centralized lubrication systems. SKF does offer an inspection service to test customer supplied lubricant to determine if it can be used in a centralized system. SKF lubrication systems or their components are not approved for use with gases, liquefied gases, pressurized gases in solution and fluids with a vapor pressure exceeding normal atmospheric pressure (1013 mbars) by more than 0.5 bar at their maximum permissible temperature.

Hazardous materials of any kind, especially the materials classified as hazardous by European Community Directive EC 67/548/EEC, Article 2, Par. 2, may only be used to fill SKF centralized lubrication systems and components and delivered and/or distributed with the same after consulting with and receiving written approval from SKF.

Brochures

1-0336-EN	WINDLUB Grease single line centralized lubrication system
1-0318-EN	Grease centralized lubrication system with heating system for extreme low temperatures
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1-3034-EN	Reservoir pump for rotary applications
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1-3015-EN	VPK-progressiv feeders
1-0302-EN	Lubricant pinion

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