



MIN. NIVEAU MIN. LEVEL MIN. NIVO

ECO STAR

VET: NLGI-0, -00 GREASE: NLGI-0, -00 FETT: NLGI-0, -00

STERK
made in Holland

a product of
STERK
technisch adviesbureau b.v.

SPECIAL EQUIPMENT
FOR
TRANSPORT AND INDUSTRY

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*your supplier
for saving
in transport and industry*

STERK

ECOSTAR® central grease lubrication system for applications in transport or industry.

The ECOSTAR® automatic grease lubrication system consists of a grease pump, powered by air, hydraulically or electrically, manifolds with meters, electronic pulse generators, control equipment and the necessary connections and mountings.

ECOSTAR® is a one line system suitable for 0- and 00-grease (NLGI-class).

All components are produced from high quality corrosion resistant materials.

The use of an ECOSTAR® system results in a longer lifetime for valuable components and a reduction in maintenance cost.



Transport applications

GREASE PUMP

- Largely made of stainless steel.
- Less weight.
- Volume grease container: 4 or 6,5 litre.
- Provide with a support piston for a clear visibility on the grease level.
- Fully closed design, prevents the mixing of moisture and grease.
- Integrated greasefill-filter, which is easily cleaned.
- Mounting support, made of stainless steel, available in 2 dimensions and therefore suitable for chassis mounting.
- Output capacity of 15/39/80 cc to serve till more than 100 meters.
- Perfect working, even at very low temperatures, is guaranteed.
- An electrically driven or hydraulically controlled grease pump is available for systems on which no air pressure is present.

PULSE GENERATORS

Electronic pulse generator EPG-14

- Commands and controls the system.
- Visual function or malfunction reporting.
- Pulse intervals may be adjusted from 30 - 270 minutes and supplied with a manual switch.
- Supplied in various modifications for industrial applications and different types of machinery.

Electronic pulse generator EPG-8 / Solenoid valve

- In standard type provide with a time interval of 2,5 hours and an output pulse of 3 minutes.
- A test button, in combination with an indicator LED, is present on the dashboard to check the system.

BRAKE COUNTER

Electronic operating brake counter for trailer / semi-trailer

- Because of small overall size directly assembled to the grease pump.
- Brake light pilot operated.
- Provide with a manual override, control LED's and a presentable range of brake operations from 10 to 590.



Electronic brake counter



Electronic pulse generator EPG-14



Electronic pulse generator EPG-8

OPERATING ON TIME BASIS OR ON NUMBER OF BRAKE ACTIONS

METERS & MANIFOLDS

Meters

- Plain construction with meter output clearly indicated on meters.
- With overlap.
- Ten separate meters provide outputs from 0,01 to 0,8 cm².

Manifolds

- Made of bronze, brass and aluminium.
- Easily assembled using the mounting stud with nut and locking ring.
- Special manifolds for industrial applications.
- Manifolds can be provided for either 1, 2, 4, 7, 9, 12 or 14 outlets.



Manifolds



Industrial applications

SOLENOID VALVE

- Compact and waterproof construction for assembling on grease pump bottom.

PRESSURE SWITCH

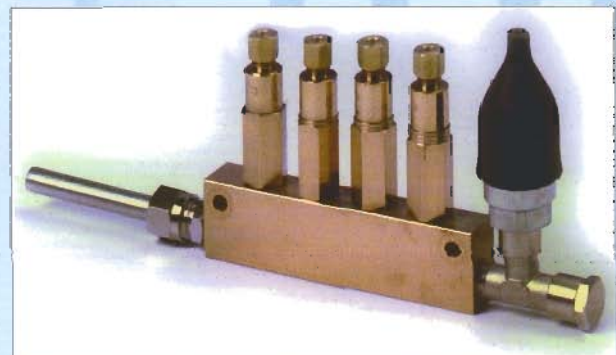
- Small, closed execution with rubber protection cover.
- Gives a signal when system pressure passes 40 bar.



Solenoid valve



Pressure switch



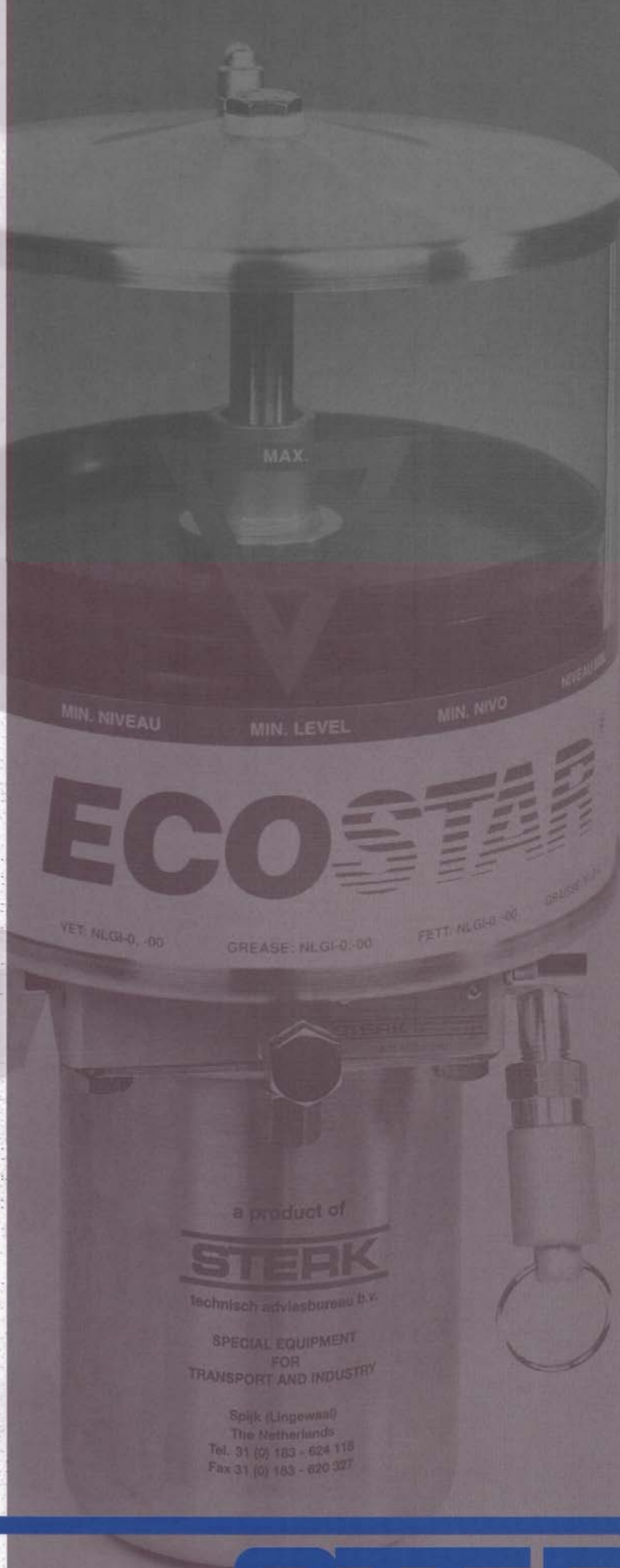
Manifold brass with meters

TUBING & ACCESSORIES

- Main tubing can be supplied in different sizes and materials.
- Secondary tubing can be supplied in single or multiple tubing with colour code and different materials.
- Secondary tubing is filled with grease.
- Different fittings and mounting components, to suit a wide range of applications, can be supplied.



Tubing and Accessories



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