

perma Lubrication systems for
Workplace safety

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The Expert in Lubrication Solutions

perma

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Workplace safety

Workplace accidents happen every day, despite strict safety precautions. Even more alarming is the fact that more than 20% of fatal workplace accidents are maintenance-related*. So stop unsafe acts before they stop you. Increase workplace safety and support preventive maintenance by using automatic perma lubrication systems.

* Source: German Federal Institute for Occupational Safety and Health (BAuA) – "Fatal accidents" database

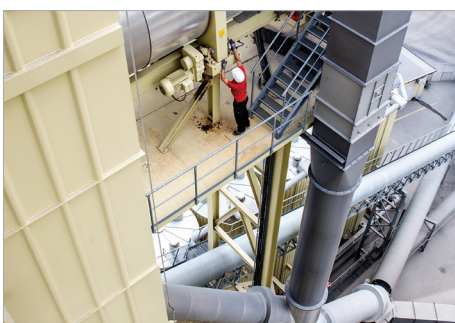
Lubrication points



Lubrication points are often hard to access for employees and maintenance work can only be carried out when the system is not in operation. Nevertheless, system lubrication is necessary to minimise downtime.

The high number of accidents during maintenance work on machines and systems show how important protective measures are.

Risks



- **Risk of slipping** during cleaning work (e.g. lubricants)
- **Risk of falling** from elevated workplaces (e.g. conveyors, fans and blowers etc.)



- Heavy physical labour and **movements have a harmful effect on your health** (e.g. overhead mounting)
- Increased **mental stress** at the work place and disability



- Contact with **hazardous materials** (e.g. lubricants)
- Risk of being injured during **inspections, maintenance, and repair works** (e.g. conveyors, boilers etc.)
- Hazard caused by **moving machine parts**

perma reduces the risk of accidents by up to 90 %

Using perma lubrication systems increases workplace safety. perma lubrication systems minimise contact between maintenance staff and operating equipment and make an important contribution to workplace safety.

- ✓ **Relocation of lubrication points** from **dangerous areas** and **reducing exchange intervals** to a minimum **increase workplace safety**
- ✓ Lubrication systems prevent **direct contact** with **hazardous lubricants**
- ✓ **Reduction of slipping accidents** caused by lubricant contamination
- ✓ **Cost-cutting** as a result of a decrease in work-related accidents and sick leave

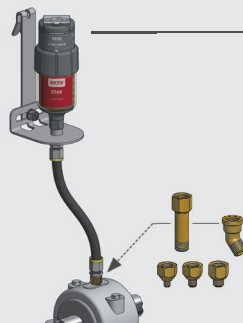
Certification

VDSI Verband für Sicherheit, Gesundheit und Umweltschutz bei der Arbeit

Solutions

Remote mounting to lubrication point: e.g. perma STAR VARIO

- Relocation of lubrication points to a safe area
- Vibrations at the lubrication points are negligible
- Exchange can be carried out while machine is in operation



perma STAR VARIO
with LC 120

INSTALLATION KIT STAR
with 3.0 m tube
Use extensions, angles &
reducers depending on the
installation situation

Art. No. 101482



Are you interested in **equipping your system with perma lubrication solutions** to increase **workplace safety requirements**? Then our **perma SERVICE** is perfect for you: Specialists with expert knowledge are on hand to advise you and help you find the best solution to **reduce workplace accidents to a minimum** in your company.

→ www.perma-tec.com/service

RECOMMENDATION

Example solutions in practice



Lubrication points outside of dangerous area allow for safe completion of maintenance work.



Lubrication systems outside of dangerous areas minimise contact with hazardous materials.



Risks resulting from maintenance work on running systems can be minimised by using perma lubrication systems.

Protect your workers and your company

from the distress and costs which result from preventable workplace accidents!

Well lubricated equipment is important to productive and profitable companies, but lubrication tasks should never put workers' safety at risk.

Improving the safety at work will have a positive impact on working conditions, productivity and economic as well as social development.

It is important for employers to observe Health, Safety and Environmental (HSE) laws, but they should do more than just meet legal obligations: Employers have a moral duty to protect their staff. They should lead by example and demonstrate their commitment to health and safety.

Good safety management is a distinguished feature of efficient organizations!



Individual solutions

perma Product portfolio



Solutions for all types of applications

perma Lubricants



Large selection of high quality lubricants to meet the requirements of your equipment

perma Accessories



Extensive range of accessories and connecting parts for your equipment

perma SERVICE



Project planning, installation and maintenance

perma SOFTWARE



Calculation of lubricant amount: • **perma SELECT**
Maintenance Lubrication Program: • **perma MLP**