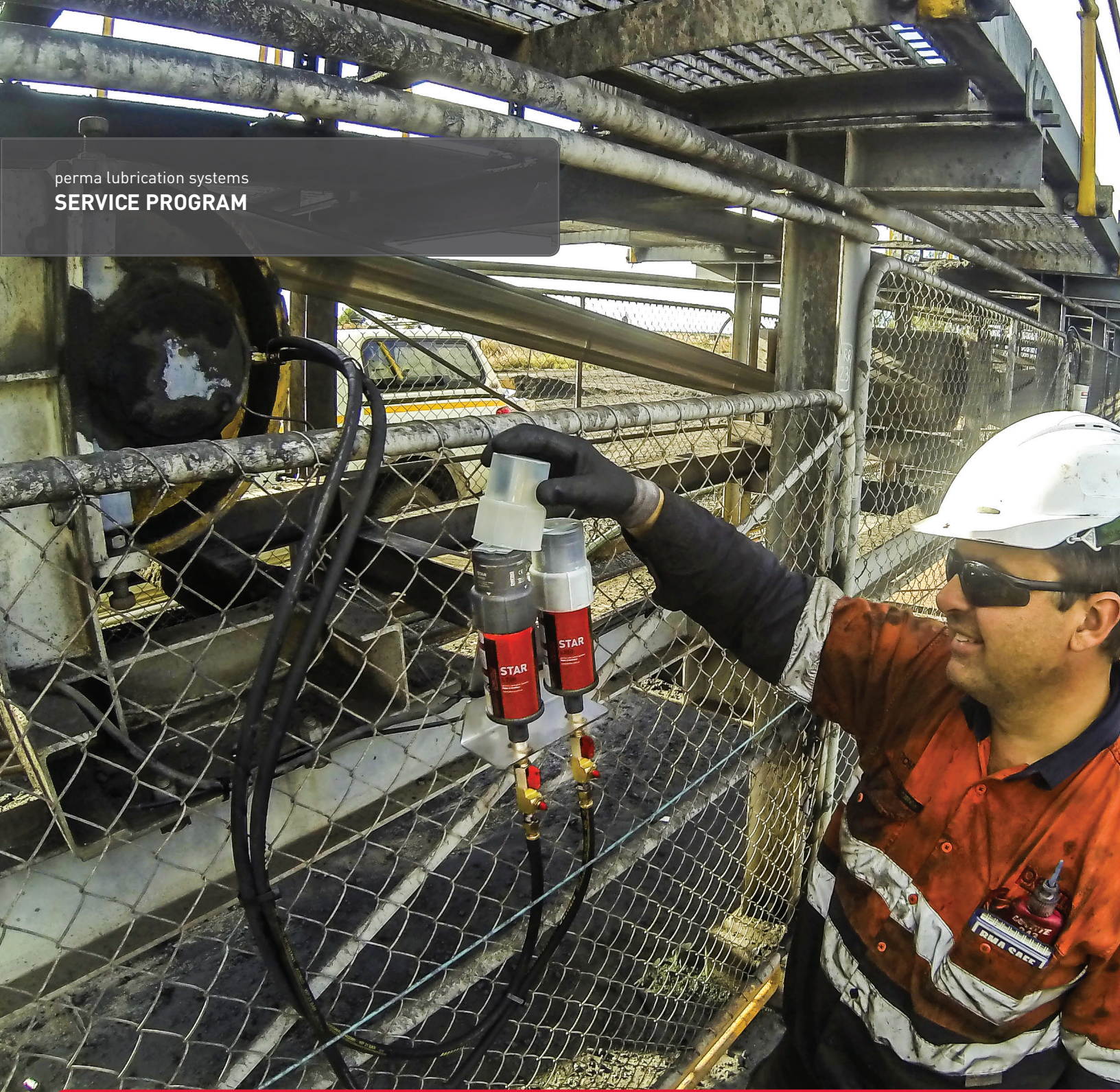


perma lubrication systems
SERVICE PROGRAM



The Expert in Lubrication Solution

perma

WHY perma SERVICE?

With expertise to the optimal solution!

The perma SERVICE team performs project planning, surveying and consultation on- and offsite in order to concentrate completely on the best customer solution. With state of the art equipment, products and intelligent maintenance software we are the expert in lubrication solution. Our specially trained team also installs, replaces and disposes perma lubrication systems always in coordination with our customer.

- ✓ Project planning forms the basis for a detailed tender
- ✓ Compilation of servicing schedules for documentation
- ✓ Professional engineering consulting

The perma SELECT APP helps you finding the right lubrication system



Experienced in all kind of machine elements



Roller bearings



Sliding bearings / Sliding guides



Linear guides



Open gears / Gear racks



Spindles



Shaft seals

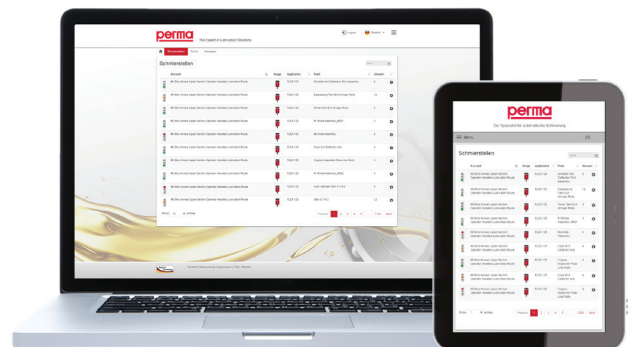


Chains

perma MLP (Maintenance Lubrication Program)

perma MLP gives you an up-to-date overview of your lubrication points and maintenance tasks. The online system can be used from any smartphone, tablet or PC with an Internet connection. Manage your lubrication points, get automatic reminders for upcoming maintenance tasks and print lubrication schedules and material lists for individual production or plant sections. Your perma contact will provide support in recording existing lubrication schedules.

- ✓ Global access via any available browser
- ✓ Automatic notifications
- ✓ Store individual images and notes
- ✓ Exchange data with colleagues / export functions



What we have to offer

Installations

- Lubricating equipment with grease or oil before installation steps take place
- Professional installation of accessories and / or mounting brackets (direct or remote mounting)
- Infield technical training to customer (products, settings and applications)

Replacements

- Replacing empty lubricator with filled lubricators and, if needed, battery packs
- Pre-lubricating of applications with grease gun
- If occurs: troubleshooting of any lubricator issues including backpressure faults, malfunctioning or machinery modifications

Disposal

- Removal of lubricators, batteries, broken accessories and / or brackets
- Disposal of contaminated materials (old lubricant, batteries etc.) on site at customer or offsite (fees may apply) locations

Additional offerings

Audits and inspections

- Periodic inspections of the automatic lubricators to insure proper functioning
- Visual inspection of equipment components such as conveyor pulleys, bearings, drive belts and chains, belting, skirting, wear plate etc. (i.e. points showing signs of wear will be notified to customer)

Lubricator inventory management

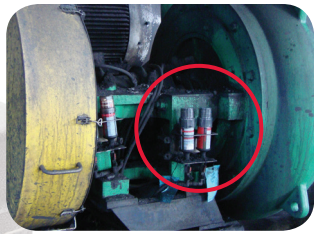
- Helping customer with lubricator inventory (VMI - Vendor Managed Inventory)
- Manage the minimum / maximum volume levels for perma lubricators and accessories
- VMI can be coordinated with perma MLP (Maintenance Lubrication Program) to insure there are no missed orders



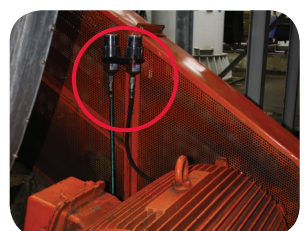
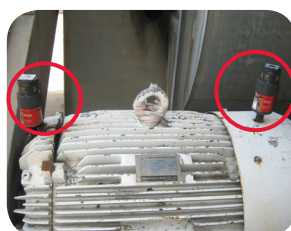
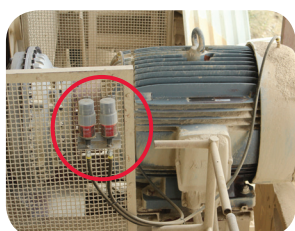
Service Checklist

- Equipment surveys
- Professional assessments and ROI analysis
- On site installation training
- Initial installation
- On site inventory management
- Turnkey installation and changeouts
- Product training
- Preferred project pricing plans on mounting kits
- MLP Management imaging and trending
- MLP training
- SELECT training
- Thermography imaging and trending
- Quarterly / Yearly audits and system health checks

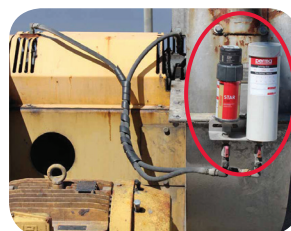
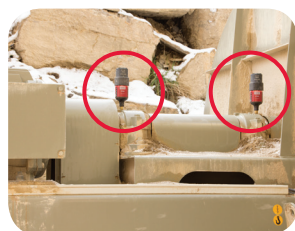
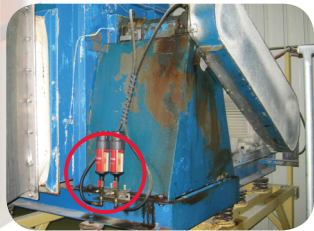
Pumps



Electric motors



Blowers / Fans



Conveyors



H-T-L perma USA LP
2129 Center Park Drive
CHARLOTTE, NC 28217 / USA
www.permausa.com

Tel.: +1 704 377 3100
FREE: +1 800 997 3762
Fax: +1 704 377 3106
info@permausa.com
www.permausa.com