# Punisher Pump Lubrication Procedure

WD SERVICE GUIDE

WD Pumpco Service Guide

## Punisher Pump Lubrication

A field-ready guide for automatic pump packing lubrication, bearing shaft lube points, recommended grease, and scheduled bearing service intervals.

### Recommended grease

Packing: SKF LGMT-3 grease.
Bearings: lithium-based NLGI Grade 2 grease.

### Packing lubrication

perma STAR VARIO 250 cc automatic greaser set to a 30-day discharge rate.

### Bearing lubrication

1 oz after the first 100 hours, then 1 oz every 250 hours.

### Automatic greaser setup

Verify LC 250, a 30-day discharge rate, and an active display before operation.

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### Lubrication schedule reference

Use this guide as a quick field reference for automatic packing lubrication, bearing break-in lubrication, ongoing bearing lubrication, and perma STAR VARIO field checks.

### Critical reminders

Use the correct grease and verify the greaser is set for LC 250 with a 30-day discharge. Check display status during service checks.

# Punisher Pump Lubrication Procedure

PACKING LUBRICATION

Automatic packing lubrication using perma STAR VARIO.

## Pump packing lubrication

Pump packing lubrication is supplied by a perma STAR VARIO 250 cc automatic greaser prefilled with SKF LGMT-3 grease.

**1 — Identify lube point**

Locate the pump packing lube point before installing the automatic greaser.

**2 — Install automatic greaser**

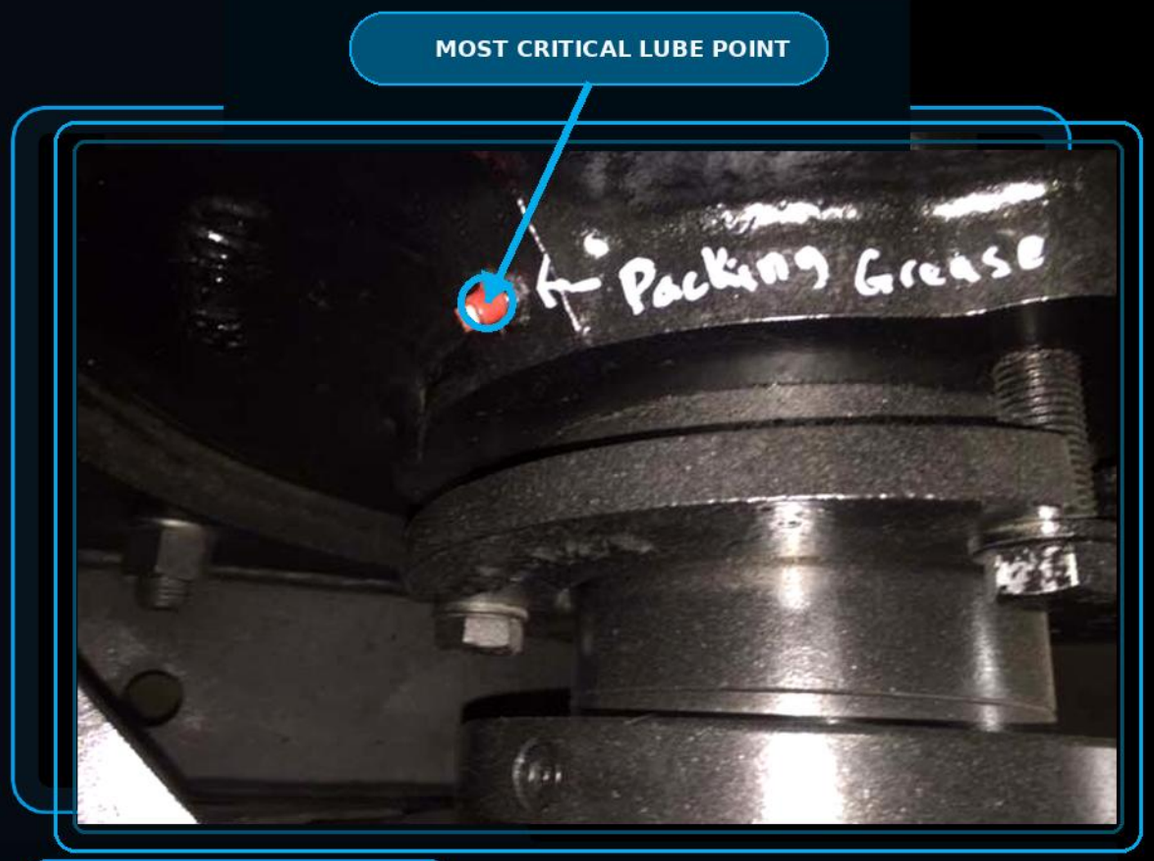
Use the perma STAR VARIO 250 cc LC tube prefilled with SKF LGMT-3 grease.

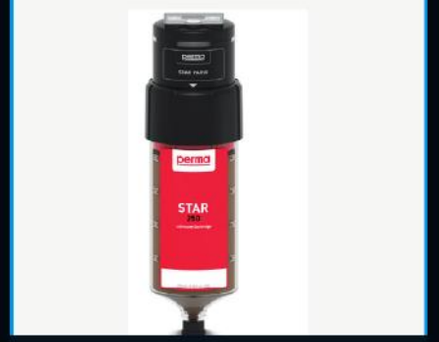
**3 — Set 30-day discharge**

Set LC size to 250 cc and set the discharge period to 30 days before placing into service.

**! Most critical lube point**

Do not overlook the pump packing lube point. Confirm the automatic greaser is installed, active, and delivering grease.




perma STAR VARIO 250 cc

**Greaser setup**

250 cc LC tube prefilled with SKF LGMT-3 grease.

**30-day discharge rate**

Confirm LC 250 and 30-day setting before startup.

# Punisher Pump Lubrication Procedure

BEARING LUBRICATION

Lubricate bearing shaft lube points manually at the scheduled intervals.

## Pump bearing lubrication

Pump bearings should be lubricated manually with the required amount during break-in and at the ongoing service interval.

**1 — Initial break-in**

After the first 100 hours of operation, lubricate bearings manually with 1 oz of grease.

**2 — Ongoing re-lubrication**

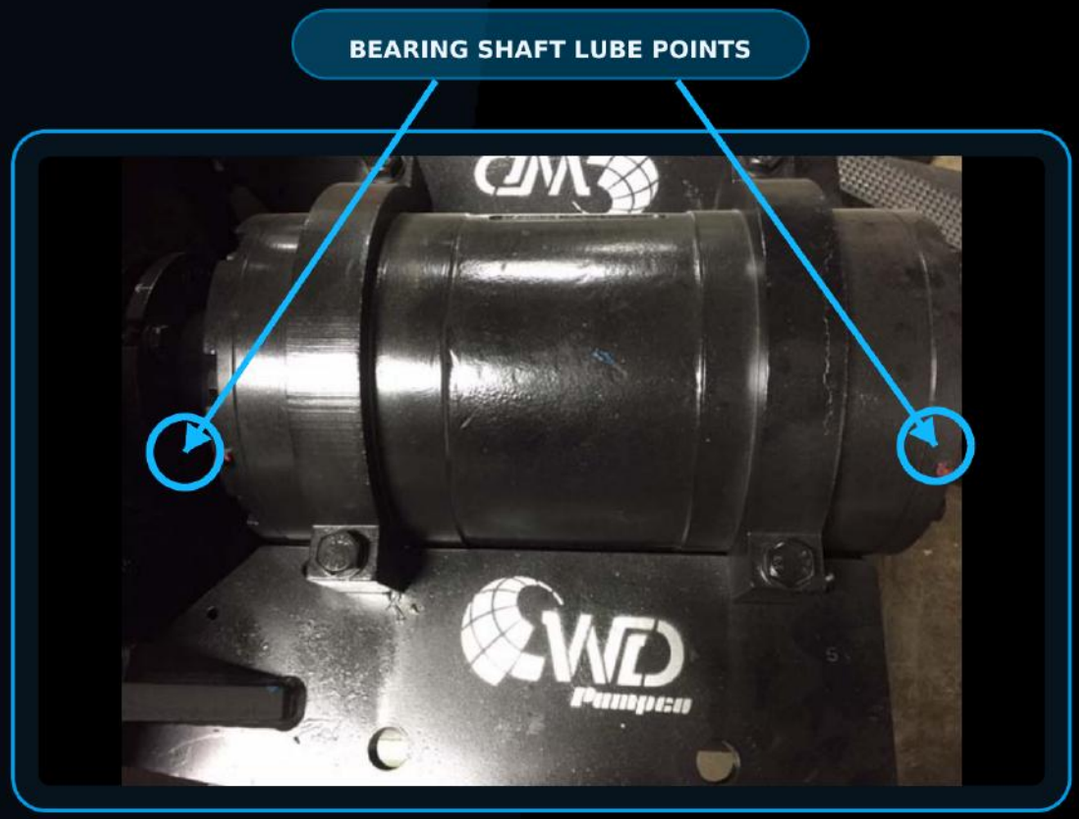
Once the first 100 hours are complete, re-lubricate with 1 oz every 250 hours.

**3 — Grease type**

Lithium-based NLGI Grade 2 grease is recommended.

**! — Do not skip break-in**

The first 100-hour lubrication is part of the initial break-in period. Continue with the 250-hour interval after break-in.




**Manual amount**

Apply 1 oz of grease at each scheduled bearing lubrication interval.

**Schedule summary**

First 100 hours: 1 oz. After break-in: 1 oz every 250 hours.

# Punisher Pump Lubrication Procedure

FIELD CHECKS

Customer field checks, support information, and usage notes.

## Lubrication schedule quick reference

Use this page for routine customer inspection and lubrication planning.

| Lube point | Interval | Amount | Recommended action |
|---|---|---|---|
| **Pump packing** | Continuous | 250 cc LC / 30-day rate | Install perma STAR VARIO 250 cc, prefilled with SKF LGMT-3 grease. |
| **Greaser setup** | Before service | Verify setting | Confirm LC 250, 30-day discharge rate, and active display. |
| **Bearing break-in** | First 100 hours | 1 oz | Perform initial manual bearing lubrication during break-in period. |
| **Bearing ongoing** | Every 250 hours | 1 oz | Continue scheduled re-lubrication after first 100 hours are complete. |
| **Bearing grease** | All bearing points | As scheduled | Use lithium-based NLGI Grade 2 grease for bearing lubrication. |

**Key rule**

**Use the perma STAR VARIO 250 cc automatic greaser for packing, set at a 30-day discharge rate with SKF LGMT-3 grease.**

### Perma STAR setup

LC size: 250 cc. Discharge period: 30 days. Grease: SKF LGMT-3.

### When to verify

Verify greaser status and discharge setting before operation and during routine service checks.

### Customer note

This guide is intended as a general field reference. Always follow site-specific safety procedures and equipment operating manuals.

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