

Inter  
Lube  
Systems  
for  
Forestry  
Machines

**INTERLUBE**<sup>™</sup>

LUBRICATION SYSTEMS BY TIMKEN

Keep your costs down  
and your machines moving

Lubrication Systems  
for Forestry Machines

[www.interlubesystems.com](http://www.interlubesystems.com)



# THE ADVANTAGES

## 1 + Protect

- ▶ **Your rental machines**  
Rental machines are often poorly maintained. Protect them with the introduction of a fully automatic lubrication system.
- ▶ **Your own machines**  
Remove the hassle of manual lubrication, and replace the old inefficient oil lubrication system feeding the Chain Saw saving time and improving lubrication efficiency.
- ▶ **Your investment**  
Don't let poor maintenance make your machines unreliable. Replacement parts can be very costly and re-sale value can be dramatically affected.

## 2 + Reduce

- ▶ Critical component wear and tear
- ▶ Maintenance cost
- ▶ Downtime for repairs

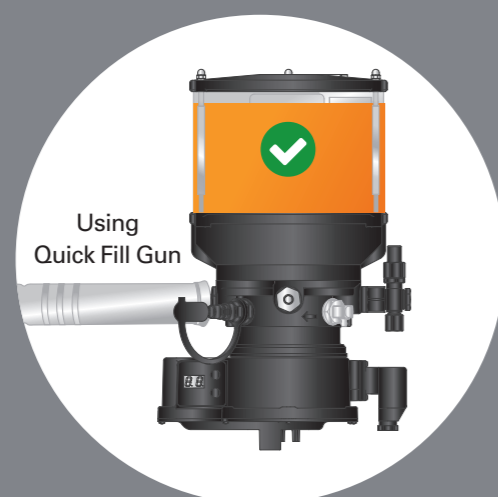
## 3 + Increase

- ▶ Life of the chain saw
- ▶ The life of Bearings, Pins and Bushes
- ▶ The time between maintenance intervals
- ▶ The value of your machine at re-sale

## 4 + Save

- ▶ Time on expensive manual lubrication costs
- ▶ Running costs
- ▶ Replacement part costs

## 5 + Quick and Easy to Refill



## ONE System ALL Points NO Worries

- ✓ Harvester Head Attachment
- ✓ Slewing Gear
- ✓ Boom Cylinders
- ✓ Boom Pins
- ✓ Quick Hitch
- ✓ Bar
- ✓ Bar Sprocket
- ✓ Chain

**HDI Pressure switch.**  
Real time monitoring of the systems operation.



Cab Mounted Control Panel

HDI Grease Pump with 6KG Reservoir

**Timken ILS Heavy Duty Electric Grease Pump (HDI), 12 or 24Volt DC option.**  
The pump is fitted with Low level and Over Pressure sensors and has a quick fill adapter to simplify the re filling of the reservoir.

## + Control and Monitoring system

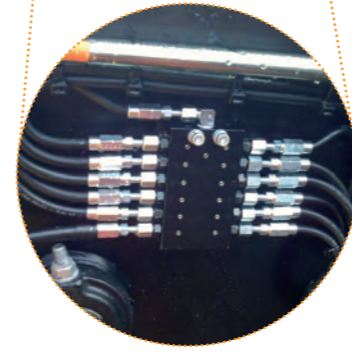
Intelligent CAN-BUS Control and Monitoring System.  
High performance controller offering protected fuse and relay outputs, easy plug and play system with J1939 Protocol support.  
Dash Mounted Screen with LED operational Graphics.  
The system is pre-set, no operator adjustments are required to achieve optimal Lubrication.

Easy to Navigate interface with real time alarm functions, such as:

- ✓ No Grease Flow
- ✓ Low Pressure
- ✓ High Pressure
- ✓ Low Grease level
- ✓ Blown Fuse
- ✓ Pump Failure
- ✓ Control Valve Failure



Grease Application



SPL Divider valves



Control Panel

## + Advantages

- ▶ Grease adheres to the chain better than oil.
- ▶ Extends the life of the Chain, Bar and Sprocket.
- ▶ Eliminates oil transportation and is more environmentally friendly.

The Timken ILS Grease Lubrication system, for the Harvester chain, can be extended to lubricate grease points on the machine boom and Harvester Head.

Creative lubrication solutions for both new and pre-owned machines

+ For more information visit [timken.com/interlube](http://timken.com/interlube)

# HARVESTER CHAINSAW LUBRICATION SYSTEM

Combining durable Progressive Lubrication Systems with Intelligent Monitoring Technology.

Manual lubrication is a thing of the past.

Timken ILS have recently developed a Grease Lubrication system that applies Grease to the saw on a Harvester.

The system will deliver accurate and precise amounts of grease to the saw as and when the machine is in process.

The grease will lubricate and cool the metal surfaces/ cutting teeth, prolonging component life and reducing maintenance costs.

The system uses substantially less lubricant than the conventional oil lubrication systems and has proven that the grease has extended the life of the saw blade.

Less maintenance, improved efficiency and reliability using Grease to lubricate the saw Blade.





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The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, chain and related mechanical power transmission products and services.