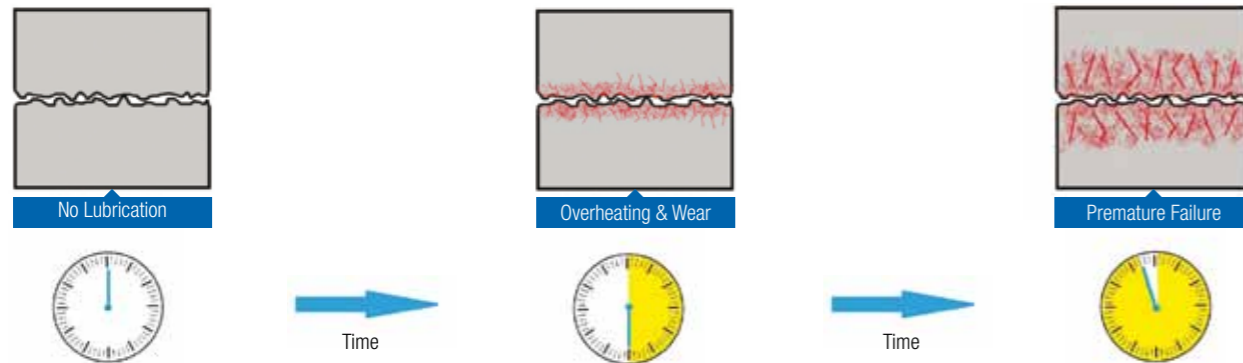


# Effects of Friction on Bearings over time

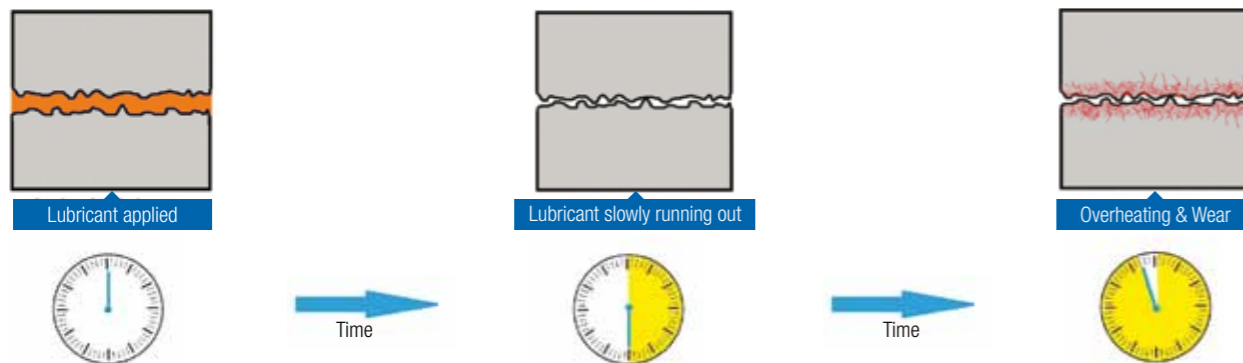
Without lubricant, friction increases and causes:

- Power losses
- Generation of heat
- Higher energy / fuel consumption
- Increased Wear
- Bearing failure / equipment failure
- Increased inventory

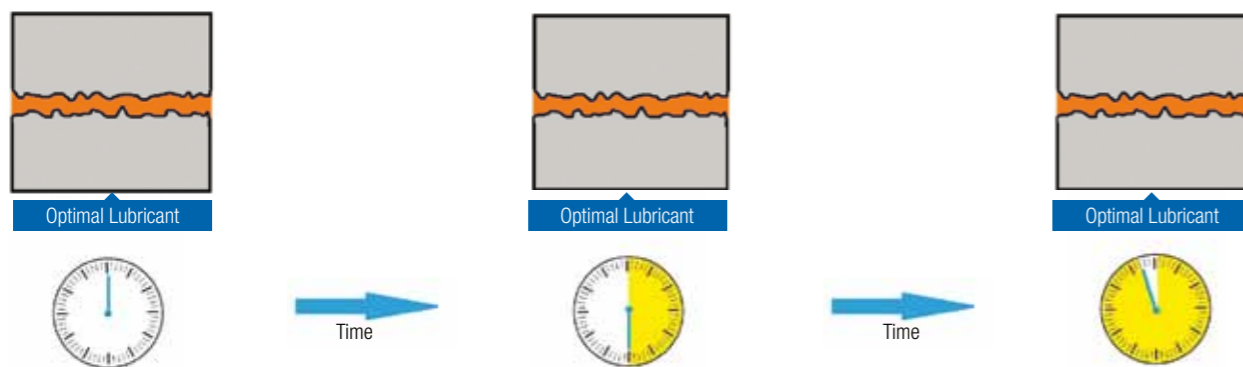
## No Lubrication



## Manual Lubrication



## Automatic Lubrication



**INTERLUBE**  
A **TIMKEN** Brand



## Automatic Lubrication Systems for Chassis & Bodies







“60% of bearing failure is a direct result of lack of lubrication or incorrect lubrication. Lubrication of bearings is essential if wear is to be controlled.”



# Automatic Multi-Line Lubrication Systems



# Lubrication Methods for Chassis and Bodies

Manual	Semi-Automatic	Automatic
Grease Gun	Divider Valve fed by Grease Gun	Multi-Line
		
 Caution: Health & Safety	 Caution: Health & Safety	 Good Working Practice
Infrequent, irregular and inconsistent lubrication; points are frequently missed; Often, too much or too little lubrication applied.	The machine has to be stopped before lubrication can occur. And, because lubrication is dependant on manual labour, it can be sporadic.	Accurate quantities of lubricant are applied at regular intervals, ensuring and maintaining that there is a correct film of lubricant on the bearings at all times.

## Benefits of the Interlube Multi-Line Lubrication Systems

- The Multi-line concept allows each friction point to be lubricated independently with small regular amounts of grease automatically.
- Reduces down time and service time.
- Gives the owner/operator peace of mind that the vehicle is being lubricated whilst in operation
- Reduces lubricant consumption
- Prolongs the life of vehicle bearings
- Prevents manual lubrication and health and safety issues
- Vehicles fitted with automatic lubrication systems increases the perceived value of a vehicle

The multi-line system is a straight forward and highly effective system for centralised lubrication. Each bearing point is supplied directly from the pumping unit via an individual feed line.



## Features of the AC Multi-line range

- Electrically operated 12/24 volts DC
- Suitable for use with Heavy NLG12 grease
- Multi position timer with memory (Fully adjustable timer)
- Six colour coded pumping units available with outputs from 0.01cc to 0.1cc
- Manual override facility as standard on all models

**AC3 PUMP**  
3 kg (6.6lbs) Reservoir maximum outputs 60



The AC Pump shown in position on a vehicle chassis