

Lubrication

Gospel

Lubrication Gospel

The Four Rights of Lubrication

¹The Right Lubricant

²The Right Place

³The Right Time

⁴The Right Amount

The Right Lubricant

- Machine Design / Bearing Configuration
- Operating Conditions
 - Normal
 - Abnormal (Hot/Cold/Fast/Slow)
- Age & Condition of Equipment
- Lubrication Methods Used on Machine

The Right Place

“The right place” has two distinct meanings in a lubrication program:

- Complete Inventory of All Equipment
- Lubrication Points on Each Piece of Equipment

Lubrication Gospel

The Right Time

Operating Hours Per Day

Mechanical Condition of Equipment

Condition of Seals

Size of Lubricant Reservoir

**Superior Lubricant Reduces Consumption and
Frequency**

Lubrication Gospel

The Right Amount

In Judging “Right Amount” Consider:

- Contamination
- Safety & Housekeeping
- Fire Hazard
- Reservoir Levels
 - Oil bath bearings; level @ midpoint of lowest ball
 - Oil circulation bearings; reservoir approx (x30)
flow rate of pump.
- Grease Packing
 - Anti-friction bearings packed only 1/3 full

Lubricant Handling

Good Lubrication Means Cleanliness

- Pumps
- Funnels
- Pails
- Clean Grease Fittings
- Oil Fill Plugs