Lubrication Chart - Leyland 344 and 384 Tractors
**Key to Lubrication Chart - 344 and 384**

**Daily every 10 hours**

Check the engine oil level, top-up if necessary with new oil.

**Every 50 hours**

1. **ENGINE** - Check the oil level and top-up with new oil.
2. **TRANSMISSION** - Check the oil level and top-up as necessary with new oil.
3. **STEERING (2/3 nipples)** - Give one stroke of the grease gun (crank arm and crank arm pivot pin).
4. **POWER STEERING RESERVOIR** - Check the fluid level, and top-up if necessary with new fluid.
5. **FRONT AXLE (3 nipples)**. Jack up to inject grease
6. **FRONT HUBS (1 nipple per hub)** Give each nipple two strokes of the grease gun filled with grease.
7. **RADIUS RODS (1 nipple)**
8. **FOOT and HAND BRAKE CROSS SHAFT (4 nipples)**
9. **HYDRAULIC POWER UNIT CROSS-SHAFT and RIGHT LIFT ROD ADJUSTMENT MECHANISM (3 nipples)**
10. **BELT PULLEY UNIT** - Check the oil level and top up with new oil.

**Every 200 hours**

11. **ENGINE** - Drain and refill with new oil.
12. **DYNAMO** - Add a few drops of engine oil through the hole in the commutator end bearing.

**Every 400 hours**

13. **OIL FILTER** - Discard the engine oil filter element, and replace it with a new one.
14. **FUEL INJECTION PUMP** - Drain and refill with new engine oil.

**Every 800 hours**

15. **STEERING BOX** - Check oil level, and top up if necessary.

**Every 1200 hours**

16. **POWER STEERING RESERVOIR** - Drain the fluid from the reservoir, discard the filter element and replace it with a new one. Refill with new fluid.
17. **TRANSMISSION** - Drain and refill with new oil.
18. **BELT PULLEY UNIT** - Drain and refill with new oil.
19. **HYDRAULIC POWER UNIT** - Remove the hydraulic power unit, remove and clean the oil strainer, replace strainer.

**Use only recommended lubricants**
# Recommended Lubricants

<table>
<thead>
<tr>
<th>Climatic conditions</th>
<th>Engine, Transmission and Hydraulics</th>
<th>Steering Box</th>
<th>Grease Points</th>
<th>Power Assisted Steering</th>
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</thead>
<tbody>
<tr>
<td>Above 32°C (90°F)</td>
<td>TRACTOR OIL UNIVERSAL</td>
<td>SAE EP90 or Hypoid 90</td>
<td>Farm Grease Universal or Multi-Purpose Grease or Lithium Grease</td>
<td>ATF (Automatic Transmission Fluid)</td>
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<td>32°C to -7°C (90°F to 20°F)</td>
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<tr>
<td>Below -7°C (20°F)</td>
<td>STRIPED GREASE or HYPOID 90</td>
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- Shell
- BP
- Castrol
- Duckhams
- ESSO
- Filtrate
- Mobil
- Sternol

- SAE HD 30 or SAE 20W/30
- SAE HD 20W or SAE HD 20/20W or SAE 20W/50
- SAE 10W or SAE HD 10W or SAE 10W/30

| Shell BP Castrol Duckhams ESSO Filtrate Mobil Sternol | SAE HD 30 or SAE 20W/30 | SAE HD 20W or SAE HD 20/20W or SAE 20W/50 | SAE 10W or SAE HD 10W or SAE 10W/30 | SAE EP90 or Hypoid 90 | Farm Grease Universal or Multi-Purpose Grease or Lithium Grease | ATF (Automatic Transmission Fluid) |