Lubrication Chart - Leyland 245 Tractor
Key to Lubrication Chart - 245

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

Every 200 hours

(12) ENGINE - Drain and refill with new oil.
(13) DYNAMO (if fitted) - Add a few drops of engine oil through the hole in the commutator end bearing.

Every 400 hours

(14) OIL FILTER - Discard the engine oil filter element, and replace it with a new one.
(15) BY-PASS FILTER - Discard the oil filter element and fit a new one.
(16) VALVE CHEST TO LIFT CYLINDER FILTER - Discard the oil filter element and fit a new one.

Every 800 hours

(17) STEERING BOX (non ‘Q’ cab) - Check oil level, and top up if necessary.

Every 1200 hours

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

Use only recommended lubricants
## Recommended Lubricants

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<th>Engine, Transmission and Hydraulics</th>
<th>Steering Box</th>
<th>Grease Points</th>
<th>Power Assisted Steering</th>
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<tr>
<td><strong>Climatic conditions</strong></td>
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<tr>
<td>Above 27°C (80°F)</td>
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<td>All conditions</td>
<td>All conditions</td>
<td>All conditions</td>
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<tr>
<td>-1°C to 27°C (30°F to 80°F)</td>
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<tr>
<td>Below -1°C (30°F)</td>
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<tr>
<th><strong>Shell</strong></th>
<th><strong>Castrol</strong></th>
<th><strong>Duckhams</strong></th>
<th><strong>ESSO</strong></th>
<th><strong>Filtrate</strong></th>
<th><strong>Mobil</strong></th>
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<tr>
<td><strong>TRACTOR OIL UNIVERSAL</strong></td>
<td>SAE HD 30 or SAE 20W/50</td>
<td>SAE HD 20W or SAE HD 20/20W or SAE 20W/50</td>
<td>SAE 10W or SAE HD 10W Or SAE 10W/30</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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</tbody>
</table>

Note: The approved engine oils meet the requirements of the U.S. Ordinance Specification MIL-L-2104B