### ENGINE

**MACK PREMIUM ENGINE OIL, FILTERS AND FUEL FILTERS**

#### Model Year 2011 and Newer Engines Using Mack EOS-4.5 Oil Specifications

<table>
<thead>
<tr>
<th>Type and Pan</th>
<th>Drain Interval</th>
<th>Change Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 7 / MP 8 or MP10 with 42 L / 44 Qt Oil Pan:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mack EOS-4.5*, Filters and Fuel Filters (Replace)</td>
<td>If idle time is greater than 30%, use the next lower drain interval.</td>
<td></td>
</tr>
<tr>
<td>Miles 60,000 / 55,000**</td>
<td>45,000 / 40,000**</td>
<td>35,000 / 30,000**</td>
</tr>
<tr>
<td>Kms 95,000 / 90,000**</td>
<td>70,000 / 65,000**</td>
<td>55,000 / 50,000**</td>
</tr>
<tr>
<td>Hours 1,700 / 1,600**</td>
<td>1,300 / 1,200**</td>
<td>825 / 750**</td>
</tr>
<tr>
<td>MP 10 with 52 L / 55 Qt Oil Pan:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mack EOS-4.5*, Filters and Fuel Filters (Replace)</td>
<td>If idle time is greater than 30%, use the next lower drain interval.</td>
<td></td>
</tr>
<tr>
<td>Miles 65,000 / 60,000**</td>
<td>50,000 / 45,000**</td>
<td>40,000 / 35,000**</td>
</tr>
<tr>
<td>Kms 100,000 / 95,000**</td>
<td>80,000 / 75,000**</td>
<td>65,000 / 55,000**</td>
</tr>
<tr>
<td>Hours 1,750</td>
<td>1,300</td>
<td>825</td>
</tr>
</tbody>
</table>

#### Model Year 2011 to 2016 Engines Using Mack Engine Oil EOS-4

<table>
<thead>
<tr>
<th>Type and Pan</th>
<th>Drain Interval</th>
<th>Change Interval</th>
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<tr>
<td>MP 7 / MP 8 or MP10 with 42 L / 44 Qt Oil Pan:</td>
<td></td>
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<tr>
<td>Mack EOS-4*, Filters and Fuel Filters (Replace)</td>
<td>If idle time is greater than 30%, use the next lower drain interval.</td>
<td></td>
</tr>
<tr>
<td>Miles 45,000</td>
<td>35,000</td>
<td>25,000</td>
</tr>
<tr>
<td>Kms 75,000</td>
<td>60,000</td>
<td>40,000</td>
</tr>
<tr>
<td>Hours 1,200</td>
<td>1,000</td>
<td>825</td>
</tr>
<tr>
<td>MP 10 with 52 L / 55 Qt Oil Pan:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mack EOS-4*, Filters, and Fuel Filters (Replace)</td>
<td>If idle time is greater than 30%, use the next lower drain interval.</td>
<td></td>
</tr>
<tr>
<td>Miles 50,000</td>
<td>40,000</td>
<td>35,000</td>
</tr>
<tr>
<td>Kms 80,000</td>
<td>75,000</td>
<td>60,000</td>
</tr>
<tr>
<td>Hours 1,300</td>
<td>1,000</td>
<td></td>
</tr>
</tbody>
</table>

**MACK PREMIUM LONG LIFE COOLANT**

- Mack Premium Long-Life Coolant (Replace)
  - Miles 750,000
  - Kms 1,200,000
  - Hours 120 months
- Mack Premium Long-Life Coolant Filter (Replace)
  - Miles 150,200
  - Kms 240,000
  - Time 12 months

**MACK PREMIUM FULLY FORMULATED COOLANT**

- Mack Premium Fully Formulated Coolant (Replace)
  - Miles 300,000
  - Kms 500,000
  - Hours 24 months
- Mack Premium Fully Formulated Coolant Filter (Replace)
  - Time At every oil change

**MISCELLANEOUS**

- Valve Adjustment
  - Miles 150,000 / then every 300,000
  - Kms 240,000 / then every 500,000
  - Time 12 months / then every 24 months
- Fan and Accessory Drive Belt (Replace)
  - Miles 300,000
  - Kms 500,000
  - Time 36 months
- Mack Premium Air Filter and Fuel Tank Ventilation Filter (Replace)
  - Time Maximum 24 months

**EXHAUST AFTERTREATMENT SYSTEM**

- Diesel Particle Filter (DPF) - Clean
  - Miles 400,000
  - Kms 650,000
  - Hours 10,000
  - Oil quality: Mack Transmission Oil 97318*

- Diesel Particle Filter (DPF) Ignition Electrode and Nozzle
  - Miles 150,000
  - Kms 240,000
  - Hours 4,500

- Aftertreatment Hydrocarbon Injector (AHI)
  - MY 2011 to 2012 (April) clean AHI nozzle.
  - MY 2012 (May) and newer replace AHI nozzle and data reset.
  - Miles 150,000
  - Kms 240,000
  - Hours 4,500

- DEF, Pump and Tank Filter Neck Filter
  - Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.
  - Miles 150,000
  - Kms 240,000
  - Hours 4,500

**TRANSMISSION AND AXLES**

- mDRIVE TRANSMISSION
  - Transmission oil and filter (Replace)
    - Oil quality: Mack Transmission Oil 97318*
      - Miles 500,000
      - Kms 800,000
      - Time 60 months
      - * Approved oils only, lists can be made available
    - mDRIVE™, mDRIVE™ SEVERE DUTY and mDRIVE™ with Crawler Gears
      - Transmission oil and filter (Replace)
        - Oil quality: Mack Transmission Oil 97319*
          - Miles 500,000
          - Kms 800,000
          - Time 60 months
          - Not Allowed
- mDRIVE™; mDRIVE™ SEVERE DUTY and mDRIVE™ with Crawler Gears
  - Transmission oil and filter (Replace)
    - Oil quality: Mack Transmission Oil 97319*
      - * Approved oils only, lists can be made available
- mDRIVE™; mDRIVE™ SEVERE DUTY and mDRIVE™ with Crawler Gears
  - Transmission oil and filter (Replace)
    - Oil quality: Mack Transmission Oil 97319*
      - * Approved oils only, lists can be made available
- Rear Axle Oil (Replace)
  - Miles 500,000
  - Kms 800,000
  - Time 60 months

**CHASSIS**

- Mack Premium Chassis Lubrication
  - Miles 15,000
  - Kms 24,000
  - Time Every 6 months.
- Electrical System Connectors (Check)
  - Miles 150,000
  - Kms 240,000
  - Time 12 months
- Power Steering Fluid and Filter (Replace)
  - Miles 150,000
  - Kms 240,000
  - Time 12 months
- Air Dryer Coalescing Cartridge (Replace)
  - Miles 150,000
  - Kms 240,000
  - Time 12 months

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These maintenance intervals are general recommendations. Please refer to the appropriate maintenance and lubrication manual for your specific vehicle as the authoritative source for all details of proper and complete inspection and maintenance plan for your vehicle. Recommended intervals by Miles, Km or Hours whichever occurs first.