AMSOIL Filter Change Recommendations

Lube Filters

- **Easy:** Always change at time of oil change, up to 5,000 miles or one year, whichever comes first, when used in conjunction with AMSOIL Synthetic motor oil. Synthetic motor oil in normal service, up to 10,000 miles or one year, whichever comes first, when used in conjunction with AMSOIL Synthetic motor oil.
- **Easy:** Always change at time of oil change, up to 10,000 miles or one year, whichever comes first, when used in conjunction with AMSOIL Synthetic motor oil.
- **Easy:** Always change at time of oil change, up to 60,000 miles or one year, whichever comes first, when used in conjunction with AMSOIL Synthetic motor oil.

- **MVE, MANN, Donaldson and other aftermarked filters:** OEM recommendations.

Note: Change OEM-specified conventional/semi-synthetic or synthetic oil at twice the OEM drain interval, then change filter on "OEM" recommendation.

Air Filters

- **Easy:** Up to 4 years depending on environment and how often the filter is cleared.

- **MVE, MANN and Donaldson:** OEM recommendations or redistilled gasket.

AMSOIL Antifreeze/Coolant Change Recommendations

Passenger Car Light Truck Antifreeze & Coolant (ANT): Recommended in passenger cars and light trucks for up to 150,000 miles or 10 years, whichever comes first.

Heavy-Duty Antifreeze & Coolant (ANTHD): Recommended in heavy-duty and off-road applications for up to 500,000 miles or 10 years, whichever comes first.

Propylene Glycol Antifreeze & Coolant (ANT): Recommended in heavy-duty and off-road applications for up to 500,000 miles or 12,000 hours or 6 years, whichever comes first.

AMSOIL MTF is a direct replacement for GM and Chrysler synchromesh fluids. Recommended for 50,000-mile service intervals or longer (up to 150,000 miles) as indicated in the owner’s manual.

Differential Gear Lube Recommendations

Manual Transmission Oil Recommendations

For mist sprays that do not remain on the engine for more than 30 minutes, use an SAE 90 (GL-4) or SAE 75W-90 (GL-5) oil. For water injection sprays that remain on the engine for more than 30 minutes, use a SAE 75W-90 (GL-5) or SAE 75W-140 (GL-5) oil.

For automatic transmissions, use an SAE 90 or SAE 75W-90 (GL-4 or GL-5) oil. ForResume: Automatic Transmission Fluid Recommendations

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### AMSOIL Synthetic Motor Oil Maximum Recommended Drain Intervals

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Make and Model</th>
<th>Drain Interval (Normal)</th>
<th>Drain Interval (Severe)</th>
</tr>
</thead>
</table>

#### Recommendations for Whichever Comes First

- **Mileage or Time**
- **Drain Intervals**
  - **Normal**: Up to 25,000 miles, 700 hours of operation or 1 year
  - **Severe**: Up to 15,000 miles, 700 hours of operation or 1 year

#### Extended Intervals

- **Extended intervals** based on oil analysis or use of the “Oil Life Management System”
- **Severe**: Eight years/unlimited mileage

#### Extended Intervals for Conditions

- **Normal**: Up to 50,000 miles/5000 hours or 1 year
- **Severe**: Up to 60,000 miles/6000 hours or 1 year

#### Recommendations for Vehicles with Diesel Engines

- **Normal**: Up to 12,000 miles/year or longer based on vehicle emission system operation and diesel particulate filters (DPF) present.
- **Severe**: Eight years/unlimited mileage

#### Additional Notes

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- Up to 15,000 miles, 700 hours of operation or 1 year. ASL, ATM, HDD, RD, XLM, XLF, XLT, XLO, XLZ
- Extended oil drain intervals are based on the user following AMSOIL-recommended filter service intervals. See oil filter recommendations in accordance with oil analysis or OEM recommendations. 5 – Normal and severe service are defined by the OEM. Refer to owner’s manual. 6 – Extended drain intervals for vehicles with engine modifications, transmission modifications or following recommended filter service intervals.

#### Breakdown of Intervals

<table>
<thead>
<tr>
<th>Make and Model</th>
<th>Year</th>
<th>Drain Interval (Normal)</th>
<th>Drain Interval (Severe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrysler/Sebring/DEX</td>
<td>2.7L VT</td>
<td>Eight years/unlimited mileage</td>
<td>Eight years/unlimited mileage</td>
</tr>
<tr>
<td>Toyota*</td>
<td>2.3L 4-cyl Turbo</td>
<td>Eight years/unlimited mileage</td>
<td>Eight years/unlimited mileage</td>
</tr>
<tr>
<td>LD302</td>
<td>2007-2010 Toyota*</td>
<td>Eight years/unlimited mileage</td>
<td>Eight years/unlimited mileage</td>
</tr>
</tbody>
</table>

#### Formulations

- **Normal**: Formulated to maximize fuel efficiency. 2 – Consider application and viscosity needs. Where engines are modified, the vehicle owner assumes liability.
- **Extended**: Best-performing product for ATVs and snowmobiles, transmissions and, where appropriate, primary and secondary emissions controls systems. AMSOIL recommends repairing malfunctioning engines prior to the installation of AMSOIL synthetic motor oils.
- **Severe**: This is the best-performing oil for motorcycle engines, transmissions and, where appropriate, primary and secondary emissions controls systems. AMSOIL recommends repairing malfunctioning engines prior to the installation of AMSOIL synthetic motor oils.

#### Oils and Additives

- **High-SAPS (AEL), Mid-SAPS (AFL) and Full-SAPS (EFM)**: Fulfills the viscosity and high-performance requirements of VW*, Porsche*, BMW*, Mercedes-Benz* and others. • Fulfills the viscosity and high-performance requirements of VW*, Porsche*, BMW*, Mercedes-Benz* and others. • Fulfills the viscosity and high-performance requirements of VW*, Porsche*, BMW*, Mercedes-Benz* and others.
- **Low-SAPS (AEL), Mid-SAPS (AFL) and Full-SAPS (EFM)**: Fulfills the viscosity and high-performance requirements of VW*, Porsche*, BMW*, Mercedes-Benz* and others.
- **Extended drain intervals** for vehicles with engine modifications, transmission modifications or following recommended filter service intervals.