



Division 02 Apparatus and Equipment

Chapter 25 – Preventive Maintenance Schedules and Lubricants for Fire/EMS Department Vehicles

February 2009

POLICY

This General Order shall set forth a policy and procedure established to govern the preventive maintenance schedules and lubricants for Fire/EMS Department vehicles.

DEFINITIONS

N/A

PROCEDURES

1. Ambulances and Medic Units

Station Technicians are responsible for providing the Ambulance Coordinator at Apparatus Maintenance with their ambulances' current mileage and engine hours by 10:00 a.m. every Monday.

Contact numbers for the Ambulance Coordinator are:

- FAX – (301) 817-3760
- Voice – (301) 817-3761

All ambulances and medic units assigned to the Central Maintenance Facility (CMF) for maintenance are to have their preventive maintenance appointments scheduled by the Apparatus Maintenance Ambulance Coordinator.

- All medium duty ambulances, such as the Freightliners, shall have preventive maintenance performed every 10,000 miles.

- All light duty ambulances, such as the Fords, shall have preventive maintenance performed every 250 engine hours.

All ambulances assigned to Apparatus Maintenance in need of repairs or maintenance will be coordinated through Apparatus Maintenance.

2. Sedans and Pick-Up Trucks

Due to the preventive Maintenance service schedule required by the various manufacturers of vehicles, the following frequency of preventive maintenance has been mandated:

- All support vehicles maintained by the Central Maintenance Facility (CMF) must be serviced every six (6) months or 5,000 miles, whichever occurs first
- To facilitate scheduling, it is suggested that appointments be made for the next maintenance service when the vehicle is picked up from its assigned facility
- For those vehicles which have been determined by the Fleet Manager to be high response vehicles, they shall be serviced every four (4) months or 3,000 miles, whichever occurs first. The Duty Chief's, Battalion Chiefs', and AEMS Supervisor's vehicles are considered high response vehicles
- CMF has been authorized to prohibit vehicles that are overdue for preventive maintenance from receiving fuel privileges until such



time as the vehicles receive this necessary service

It shall be the responsibility of the Station Technician to assure that station vehicles are promptly scheduled. For those vehicles not assigned to stations, it shall be the responsibility of the operator to assure that his/her vehicle is promptly scheduled and maintained.

3. Fire Apparatus Lubrication Cycles

The Apparatus Maintenance Division is responsible for the coordinating and overseeing of this program to ensure that the vehicles are lubricated in accordance with the established time frames.

Schedule of lubrication will be as follows:

Pumpers, Aerial Ladder Trucks, Squads, Brush Units, and Special Units will be lubricated twice per year.

- Cycle I will be designated as the Spring Cycle, which will begin during the month of March
- Cycle II will be designated as the Fall Cycle, which will begin the month of September

The vehicle to be lubricated will be lubricated in the fire station at which the vehicle is normally assigned, unless a special problem exists or equipment is required that is not normally carried on the mobile lubrication truck. In special cases, arrangements will be made to have the vehicle serviced at a contract vendor or at the Fire Department Shop.

The scheduling and placing of vehicles out of service for lubrication purposes will be in conformance with all Departmental policies and procedures. Once a unit is ready for

service, the Lubrication Mechanic will notify the Station Officer so that appropriate action can be taken to place the unit back in service.

The Lubrication Mechanic, at each and every lubrication cycle or lubricant change, will take an oil analysis of the particular engine and drive-line components. This oil analysis will be utilized in the overall maintenance program as a management tool in determining mechanical repairs.

4. Engine Oils or Lubricants

The following lubricants shall be utilized in vehicle engines depending upon the engine type, as follows:

- SAE 15W40 – Shall be used in all gasoline and diesel engines, with the following exceptions
- SAE 30 – Shall only be used in Ford 7.3 and 7.3 Power Stroke Diesel Engines
- SAE 40 – Shall only be used in Detroit Diesel Two-Stroke Cycle Engines, which are the 71 and 92 series

There shall be no substitutions or mixing of lubricants by grade or composition.

REFERENCES

N/A

FORMS/ATTACHMENTS

N/A