

**PREVOST**

ENREGISTRÉ - REGISTERED  
ISO 9001 & ISO 14001

**MAINTENANCE INFORMATION** Mi99-08



<b>DATE :</b> October 1999	<b>SECTION :</b> 05, Lubrication
<b>SUBJECT :</b> OIL TYPE AND QUANTITY IN RADIATOR FAN DRIVE GEARBOX, MODIFICATION OF DIPSTICK TUBE	

**Important Notice:** This modification is recommended by Prévost Car to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.

**APPLICATION**

Model	VIN
All	All

**DESCRIPTION**

On the above-mentioned vehicles, it is suggested to replace the MOBIL SHC 634 oil (Prévost #180185) of the radiator fan drive gearbox with MOBIL SHC 630 oil (Prévost #180217). A sticker to affix on the fan gearbox stating not to mix both oil types is included with each litre of oil.

**MATERIAL**

Part No.	Description	Qty
180217	MOBIL SHC 630 Oil + sticker	1 litre

**Note :** Material can be obtained through regular channels.

**PROCEDURE**

**Warning :** Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Drain the gearbox (figure 1) following the procedure described in section 5 of your Maintenance Manual (see "Fan Gearbox").
2. Fill the fan drive gearbox with MOBIL SHC 630 Oil (Prévost #180217). Refer to your Maintenance Manual for the right quantity of oil.
3. Affix the sticker on the fan drive gearbox.

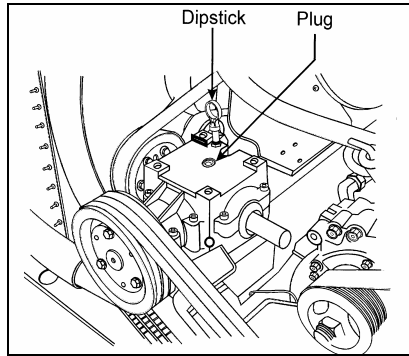


FIGURE 1 : FAN DRIVE GEARBOX

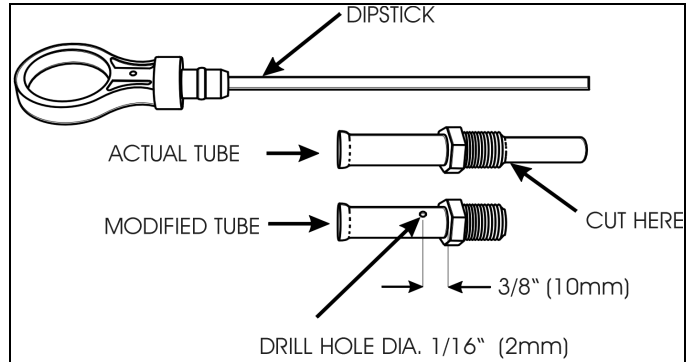


FIGURE 2 : DRILLING OF A VENT

## OIL LEAKAGE

During normal operation of the radiator fan drive gearbox, oil level and oil pressure tend to increase due to aeration and temperature elevation. This effect can cause slight leakage with no consequences. To avoid leakage, reduce the quantity of oil in the gearbox. The target oil quantity is  $28 \pm 2$  oz, however the operation of the gearbox is fully safe with oil level anywhere between dipstick full and low mark.

## GAUGE TUBE MODIFICATION

**Note:** Proceed to this modification only if after reducing the oil quantity in the gearbox, there is still oil leakage.

## DESCRIPTION

To avoid leakage, it is suggested to drill a small vent in the oil gauge tube (depending on the type of gauge, see figure 2).

## PROCEDURE

**Warning :** Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Remove oil gauge and gauge tube (figure 2).
2. Using a hacksaw, cut the gauge tube just before the threading.
3. Drill a small hole, approximately  $1/16$ " (2mm) diameter.
4. Reinstall the gauge tube and the oil gauge.