

## LUBRICATION

The proper oil level in ring lubricated bearings is  $1/4"$  above the bottom dead center of the oil rings (inside diameter), see Figure 1.

All ring oiled turbines are equipped with level gauges (one in each bearing box). The level gauges have two marks which indicate the minimum and maximum oil levels. These marks are approximately  $3/8"$  (.375) apart.

Because the system is a closed system the oil level will only change because of vaporization or leakage.

This system can be filled with the unit running or shutdown, in either case, do not allow oil level to go above high level mark or below low level mark. Too much oil will cause ring drag (slippage of ring), speed of oil ring slows down therefore less oil is carried to the bearing. Too little oil in bearing box has same effect, not enough oil will be carried to the bearings.

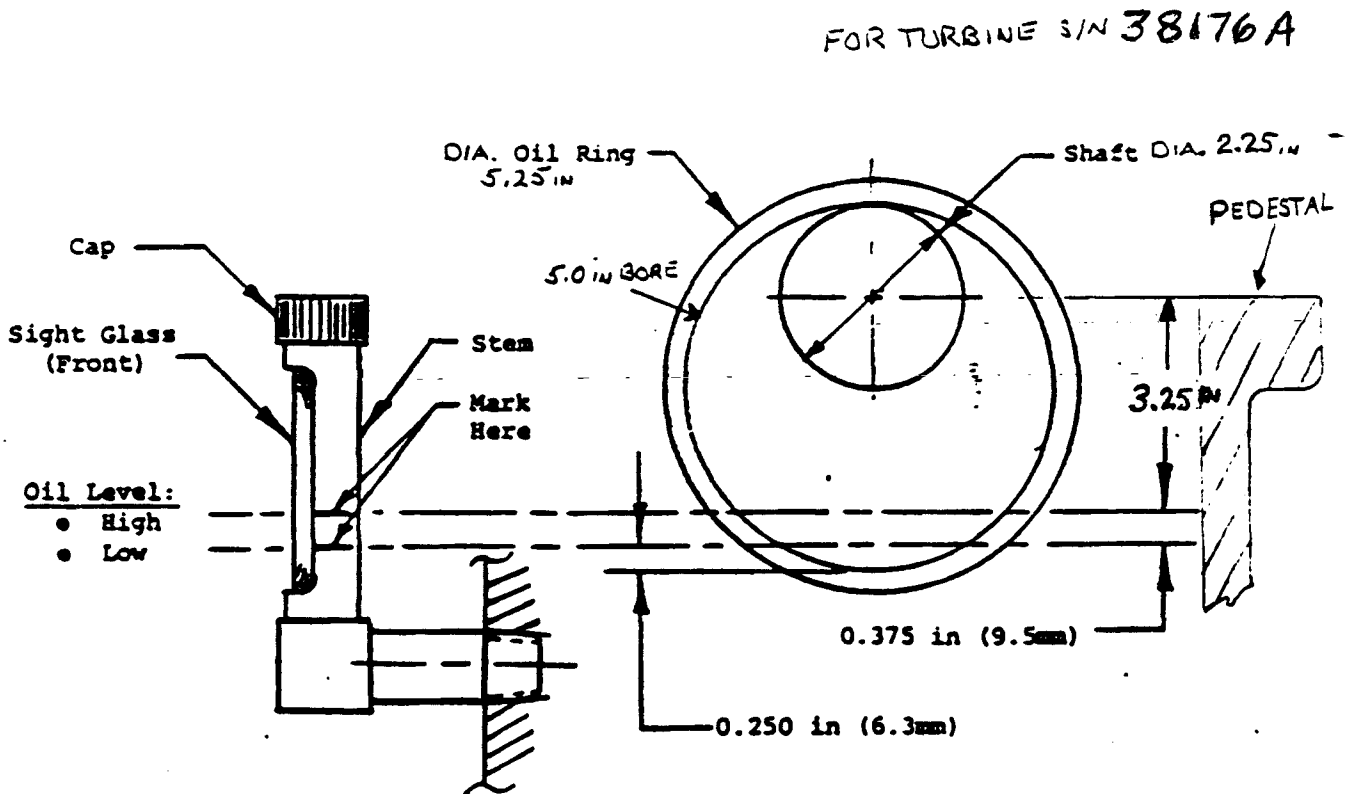


FIGURE 1

RECOMMENDED OIL LEVEL FOR RING OIL LUBRICATED BEARINGS

4/24/02  
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