

OIL SYSTEM

CRANKCASE OIL

Change crankcase oil every 50 operating hours and only when engine is warm. (Exception: Drain initial oil fill at 25 operating hours.)

To drain, remove the 1/2 inch pipe plug on the rear corner of the oil base. After oil drains, replace the pipe plug and refill crankcase with 4 pints (4-1/2 if equipped with filter) of a good quality detergent oil. Oil must meet or exceed the API (American Petroleum Institute) designation SE or SE/CC; this oil was formerly designated as MS, MS/DG or MS/TM (Figures 1 and 2).

For temperatures above 30°F, use SAE 30 oil; for temperatures below 30°F, use 5W30 or 10W.

In extremely dusty conditions or in very cold weather, change oil at least every 25 hours of operation.

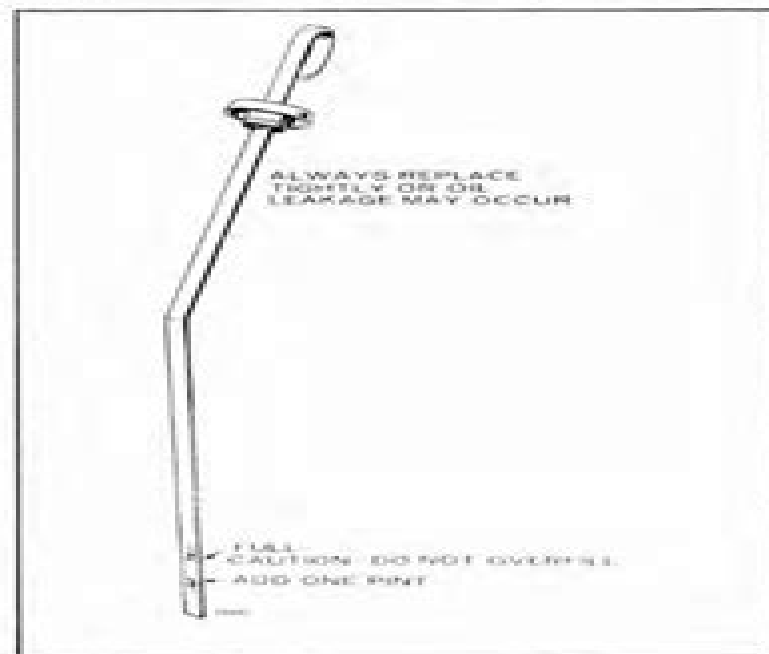


FIGURE 1. CRANKCASE OIL FILL

CAUTION Do not overfill crankcase. Do not use service DS oil. Do not mix brands or grades of motor oil. Engine damage could result from mixing non-compatible oils.

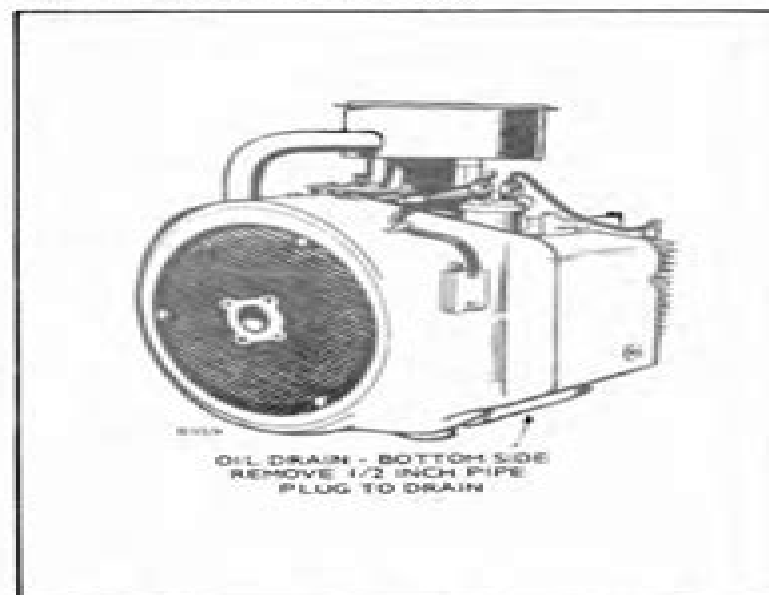


FIGURE 2. OIL DRAIN LOCATION

Crankcase Breather: This engine uses a crankcase breather valve for maintaining crankcase vacuum. No maintenance is generally required. If the crankcase becomes pressurized as evidenced by oil leaks at the seals, close baffle and valve in a suitable solvent. See Figure 3.

Hp Onan Engine Manual

Jessica J Manson

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

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