

### SAMPLE GEAR BOXES, HYDRAULIC SYSTEMS, NEW OIL

TO SAMPLE  
42-DEGREE AND  
90-DEGREE GEAR  
BOXES, TAKE OUT  
THE MAGNETIC  
DRAIN PLUG.



Next, insert one end of an opened  $\frac{3}{8}$ -in tube into the sample bottle. Displace the check valve with the other end of the tube, drain your sample into the bottle to within  $\frac{1}{2}$  inch of the top and cap your sample.

On hydraulic systems use the tube to sample the reservoir, provided it's part of the circulating system, or drain your sample from the filter housing or from a line that circulates the hydraulic fluid.

When a new oil batch comes into your area the lab also needs an un-used sample to find out if metallic compounds are in the oil additives. These compounds affect the readings on your future samples so be sure you identify the oil batch by number, manufacturer, date and military spec. You can get this info from the can, or your POL section.



### IDENTIFY SAMPLE

All your hospital-clean sampling will go down the drain unless the samples are identified. So, it's mighty important that you fill out completely the sample info sheet that is supplied by the oil analysis lab where you send the samples.

On a special sample be sure you add any important dope, such as—name, address and phone number of person the lab should contact, at the bottom of the form. You'll find complete sampling instructions right on the back of the info sheet.

