OIL CONDITION AND DISSOLVED GAS ANALYSIS – to be noticed at sampling
Make sure that the hose from the transformer is made of PVC, new, and clean both on the inside and outside. Remember to note the aluminium bottle index number in the questionnaire. Only one aluminium bottle needs to be collected at each sampling place. Use protection gloves, preferably made of nitrile rubber.

1 Draw off a volume of at least three times the volume of the valve and the hose. Let the oil flow during the whole sampling process. Immerse the hose about 15 cm into the bottle.

2 Hold the hose in the bottle and let 3 litres of oil flow. While the oil is flowing, slowly take the hose out. Be careful to fill the bottle completely up to the top.
   Very important! Do not leave any air space in the bottle.

3 Screw the cap on tightly. Shake the bottle while listening for air bubbles. The bottle is correctly filled if no sloshing sound is heard.
DISSOLVED GAS ANALYSIS - to be noticed at sampling

Make sure that the syringe piston is clean. If not, wipe it off before it is operated. Always collect 2 samples from each sampling place. Remember to note the syringe index number on the questionnaire. Used hoses and T-pieces may be discarded. Use protection gloves, preferably made of nitrile rubber.

1 Connect the hose, the T-piece and the syringe.

2 Connect the hose from the sampling valve to the T-piece.

3 Put the hose and T-piece in a bucket. Open the transformer valve. Draw off at least three times the volume of the valve and the hose. Let the oil flow during sampling.

4 Turn the handle of the syringe valve as in the picture. Carefully collect about 20 ml of oil in the syringe.

5 Press the air and the oil out. Remove all air bubbles by pressing oil out while turning the syringe to and fro.

6 Carefully collect 20 ml of oil in the syringe. Make sure no air is present in the syringe. Close the valve on the syringe by turning the valve handle as in the picture.

For more information, please contact

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