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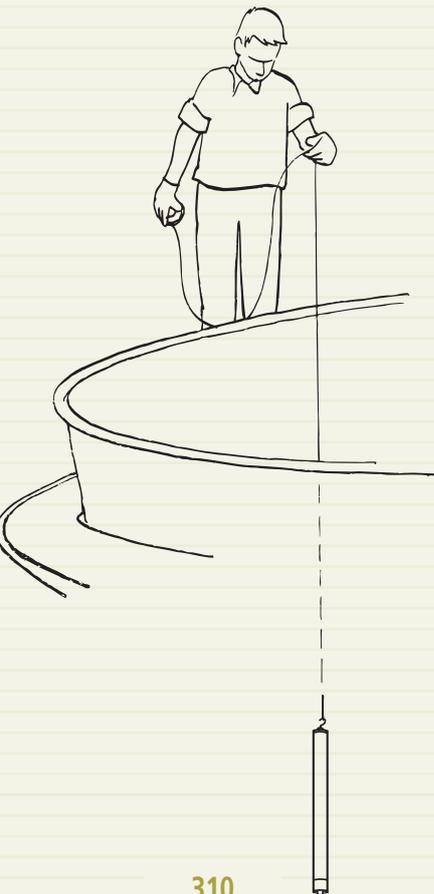
SAMPLERS FOR (LAYERED) LIQUIDS

P3.01

Using the plunging siphon a sample is taken from a tank lorry.



When the tank bottom sampler touches the bottom it is filled with the liquid from the bottom.



12.45 Sampler for oil separators

The sampler for oil separators, regarding its operating principle, is similar to the cable-operated liquid layer sampler. The sampler is fitted with a longer teflon tube and additionally it has a measuring tape (in stead of a cable) and a spark-free messenger.

The sampler is transported, inclusive of the measuring tape, in the practical transport tube.

Using a special wiper (with control rod) the sample tubes can be cleaned on the inside. The sampler is used for the identification of oil thickness in large oil separators in garages, workshops, industry and in the food- & catering industry, etc.

12.18 Teflon plunging siphons

The plunging siphon is a very simple instrument for sampling of homogeneous fluids from vessels, tanks, containers (for instance tank lorries) and basins.

As glass plunging siphons tend to break easily the unbreakable translucent teflon is applied. The inert

teflon is not affected by chemicals avoiding the sample to be contaminated by the equipment. The plunging siphon is heat resistant to a temperature of 250°C.

After removal of the narrowing cones a plunging siphon can be cleaned easily. The plunging siphons are supplied in a long (180 cm) and a short (90 cm) design inclusive narrowing cones for liquids with different viscosity, and with a protective tube.

12.47 Tank bottom sampler

The tank bottom sampler is made of stainless steel. The sampler is used for indicative sampling of liquids on the bottom of a reservoir (one cable) or higher (two cables). This stainless steel sampler is constructed in such a way that when it touches the bottom of a tank or reservoir it will be filled with liquid from the bottom of that tank. It is only for indication.

The sampler has a length of 39 cm and a diameter of 28 mm, contents 110 ml.



Sample tubes with messenger



Plunging siphon with narrowing cone



Sample tubes with bottom stop



Tank bottom sampler