

IMPROVE THE QUALITY OF THE POMPED PRODUCT

THE FLOATING SUCTION UNIT

The Floating Suction Unit allows to extract the upper layer of the stored liquid in order to avoid the entrainment of the foreign elements settled in the lower part of the tank.

- Allows the obtention of a purer product
- Reduce the decantation time before the extraction
- Reduce the use of the filters fitted to the distribution network



INSTALLATION



The tanks containing aircraft fuel (Kerosene, Jet A1) are, in the majority, equipped with one or more floating suctions. The tanks containing diesel or crude oil loaded with water can also be equipped with it.

TECHNOLOGY



The **Swivel Joint T2000** : ATEX certified, it has the advantage of being robust and symmetrical (diameter from 4" to 30"). It is only used for the bottom of the tank's shell and not as an intermediate swivel joint.

MATERIALS



Generally, the floating suctions for petroleum products are made of aluminium. However, in some particular cases, it can be made of stainless steel.

DIMENSIONS



LARCO has a wide range of floating suctions : diameter from 2" to 30".

ACCESSORIES & OPTIONS



The floating suction unit can be equipped with optional accessories:

- A position indicator witch monitors the level of the floating suction.
- A sample device made of stainless steel tubes of different lengths, fixed along the floating suction. This device allows, for exemple, to recover samples from 1/3 to 2/3 of the product.

The **Skimmer** is a derivative of the floating suction. Its goal is to collect the surface layer of the oil floating above the water in the tank. The floating suction nozzle is oriented to the top and held horizontally by a swivel joint and floats.

CERTIFICATION



ATEX Certification:
ATEX II&G c IIB T6 de T°-20°C à 60°C

