

Filling limiter SOLO

• Easy to assemble

By flange under the manhole No pipe transmission to do

• Reliability

Entirely made with non-corrodible materials (aluminium, stainless steel, brass)

• No pressure-drop

The check-valve moves aside and leaves full passage.

• Does not need any maintenance

• Packaging

Delivered in an individual packing including :

- 1 limiter with counter-flange and screws
- 1 screw-ferrule
- 1 signal plate

Standard packing = 390 mm x 235 mm x 270 mm Weight = 6,900 kg

• Working

- Connect the hose with the filling-mouth.
- Open the tank-wagon discharge valve.
- When the liquid does not reach the first level, nothing happens ; just empty the hose as usual.
- When the liquid reaches the first level, the

limiter shuts and stops the filling of the tank.
- Wait a few seconds, till the limiter reopens, and proceed to usual hose emptying.

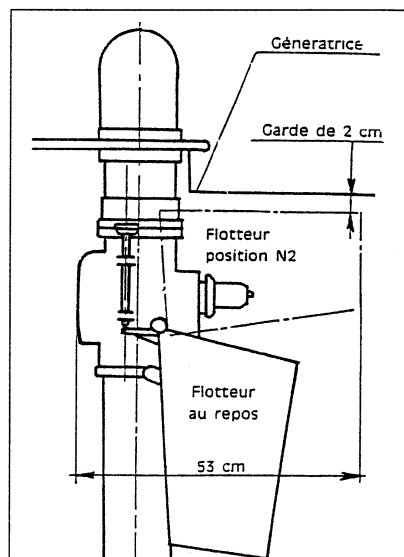
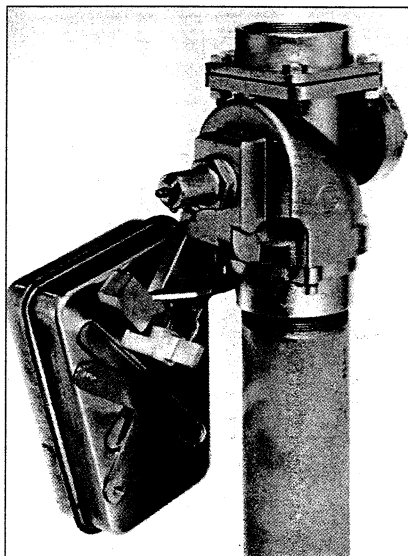
• Guarantee

One year on all parts acknowledged to be defective. **Ecluded** : all installation vice, without possibility to laying claims to compensations for direct or indirect cause.

Our entirely automatic limiter answers the French standard 88502. Its purpose is to stop the filling at pre-maxi level and to allow emptying of hose. the cut-away float design enables to orientate it between eventual plunger tubes. The SOLO limiter, consisting of only one device, is to be set up under the manhole plate of the tank and needs no maintenance. It is designed in $\varnothing 80$ (3") but adaptable with flanges from $\varnothing 2"$ to $4"$.

As the check-valve moves aside, the passage remains entirely free.

Our limiter has an incorporated testing device ; one has only to provide for an orifice on the plate in order to pass a rod driving the push-button.



LAFON
EQUIPEMENTS
PETROLIERS

Document non contractuel,
commercialisation selon nos conditions générales de vente.

CENTRE TANK SERVICES

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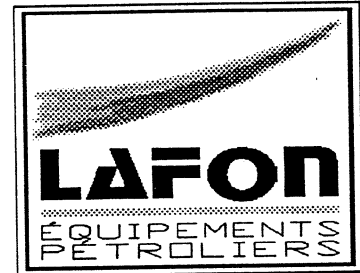
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SOLO FILLING LIMITER

See references below

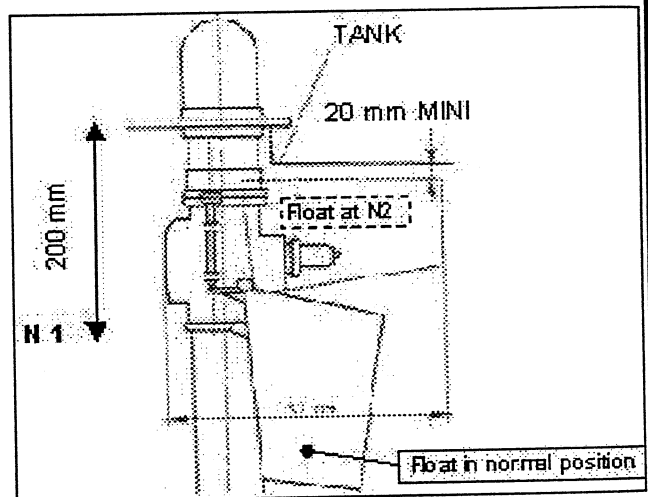
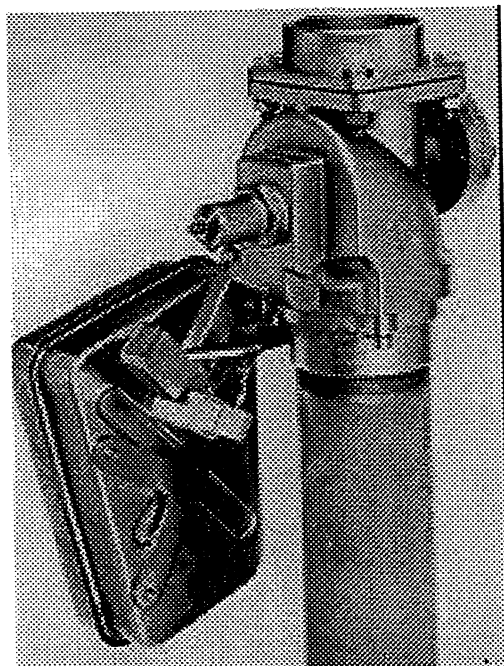
TECHNICAL CHARACTERISTICS

Maximum flow rate : 60 m³/h - 1000 litres/minute
 Minimum flow rate : 2,4 m³/h - 40 litres/minute
 Maximum pressure : 8 bar - 110 psi (or as per local code)
 Minimum pressure : 150 mbar - 15 kPa - 2,17 psi
 Re-opening / draining time : less than 1 minute
 Easy to install : directly under the manhole cover
 Products : Diesel - Super - Unleaded
 Suitable for direct or remote fillings by pump or by gravity
 For aboveground or underground storage tanks
 For chemical application : please demand the compatible product list



Operation :

Connect the hose and use the pump of the truck.
 When the valve shuts off automatically,
 the product in the tank is at level N1
 The tank truck valve shall then be closed.
 Wait one minute, the valve in the limiter will re-open.
 Disconnect and drain the hose.



SERVICE STATION APPLICATION

REFERENCE	DESCRIPTION
10000000	Solo DN80 - 3" BSP
10004000	Solo DN100 - 4" BSP
10002100	Solo DN80 - 3" NPT (USA)
10004100	Solo DN100 - 4" NPT (USA)
10014100	Solo NS* - 3" BSP KIWA
10014200	Solo S* - 3" BSP KIWA
10014300	Solo NS* - 4" BSP KIWA
10014400	Solo S* - 4" BSP KIWA

* S : SHELL
 * NS : NON SHELL

CHEMICAL APPLICATION

REFERENCE	DESCRIPTION
10014000	Solo 8 bar DN80 - 3" BSP
10003500	Solo 8 bar DN100 - 4" BSP
10003600	Solo 8 bar DN80 - 3" NPT
10003700	Solo 8 bar DN100 - 4" NPT



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