

---> Maintenance mainly consists of changing the oil every year or 2 years depending on the use.

---> The oil is a hydraulic oil HV46 that is found in any hydraulic company (5L drum).

---> The change procedure consists of:

1-Go up the keel to the maximum (the pressure in the tank is lowered)

2-unscrew bottom tank cap with ALLEN wrench to extract oil

3-Re-screw this plug after emptying

4-Fill the tank with new oil through the top cap of the tank to the bottom of the indicator.

5-Go down the keel to check the high level (Put oil if necessary BUT NEVER FILL COMPLETELY THE TANK).

6-go up the keel and screw the filler cap to finish the draining operation.

---> The attached photo shows the 2 limit switches:

The left one is the bottom limit switch and the right one the upper keel limit switch.

On these, there are 2 orange rings and 2 black rings: the oranges are used to adjust the top and bottom of the pressure switch

And the outer ring is used to unlock the orange rings (on the right pressure switch, the outer black ring

is in the unlocked position: the unlocked mark aligned with the internal black ring mark).

---> therefore for the raising of the keel, turn the outer orange ring very slightly to increase the pressure

And lock the pressure switch.

