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Applies to:		Bulletin subject:
WTD	X	PRESSURE OIL FILTER REBUILDING KIT
SAFETY WINDOWS		
AUTOMATION		
Created by:		GDA
Approved by:		OOR

Introduction:

IMS hydraulic doors have normally been designed with hydraulic oil filter inside the hydraulic tank. Oil filter replacement with this solution can be time consuming. IMS have developed a rebuilding kit where the oil filter in the tank is removed and exchanged with a new filter on the pressure side outside the tank.

Description:

This upgrade reduce time to replace the hydraulic oil filter.

The existing filter inside the tank to be removed. Some adjustments are needed to fit the new filter bracket and the new oil filter housing. Different fittings are included in the rebuilding kit for varios adjustments and tubing modifications. It is recommended to exchange the hydraulic oil on the system.

Picture 2 is an illustration. Tubing arrangement may be different on varoious installations. The new tubing layout should therefore be evaluated before starting the modification.



Picture 1 Typical hydraulic arrangement with oil filter inside tank

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Picture 2 Example of hydraulic arrangement with new filter after modification

Implementation details:

Each Kit includes:

- Oil filter complete
- Various fittings and tubings
- Oil filter bracked

Tools needed:

- Pipe cutter and hand tool for tightening the fittings
- Pipe bending tool

Use of IMS Personnel:

- Is required
- Is recommended
- Can assist
- Assistance not applicable

Please contact spareparts@imstec.no for further information and details.