

FUEL INJECTION AND VALVE ACTIVATION MAINTENANCE SOLUTIONS

A STANDARD MAINTENANCE

- Overhaul + Pilot Valve renewal (All units 5yr routinely)
- Complete FIVA renewal - (All units 10yr routinely)

Orig. Serial No.	Test Date	Part Name	Qty	MaintPartNo.	Recommendation			Plan		Latest Maintenance Record				
					5	10	15	20	Plan	Last	1st	2nd	3rd	4th
SNXXXXXX69	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●			DATE	DATE	DATE	DATE
SNXXXXXX70	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						
SNXXXXXX71	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						
SNXXXXXX72	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						
SNXXXXXX73	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						
SNXXXXXX74	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						
SNXXXXXX75	2019/11/11	FIVA I-45 Valve Complete	1	7276287XX	△	●	●	●						

B OFF-LAND OVERHAUL

- Service workshops @ Kobe/Japan, Busan/S. Korea, Shanghai/China
- 2~3 Units at ship's running condition



Off-land from Ship



Back in Service



Received at Factory



Initial Check Assessments



Overhaul Maintenance

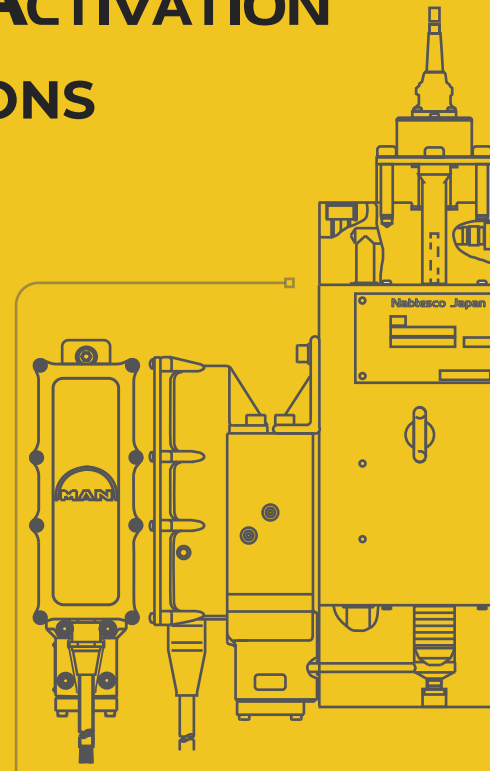


Tests & Confirmation



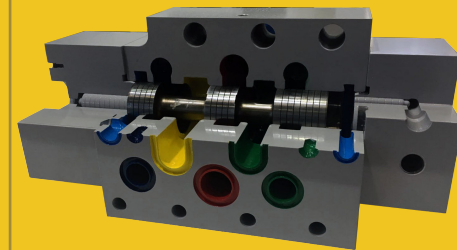
Packaging & Shipment

Approx 3~4 weeks



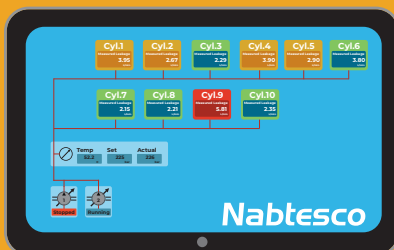
Pilot Valve

Main Valve



C CONDITION BASED MAINTENANCE

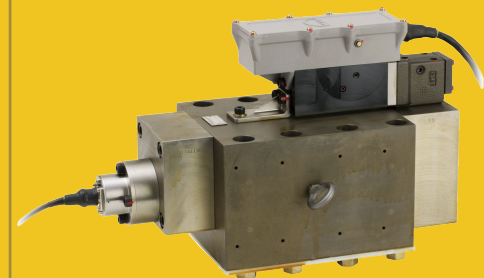
- Vessels from 3yr age onwards annual inspection
- Service locations @ Singapore, Japan, Netherlands, S. Korea, China
- 2Men 1Day - 9cylinder units (1~2 Pilot Valves are advised to be prepared)



Pilot Valve Leak Amount result

- High Leakage amount
- Average Leakage amount
- Low Leakage amount

Leak Check (Flow rate L/min)



FIVA - I

For Engines less than 70cm Bore Size

FIVA - II

For Engines more than 80cm Bore Size

*Recommended minimum 2~3 FIVA sets of spare onboard.

..CONSULT US:



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