



**DEHDASHT PETROCHEMICAL INDUSTRY COMPANY**  
**DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT**



**DOCUMENT TITLE: Oil Filter Data Sheet**

**POI: IFA**

**Contract No.: DPIC/98-12**

**DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0077**

**Rev. No.: D0**

**DOCUMENT TITLE:**

**Oil Filter Data Sheet**

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PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	AN: Approved With Minor Comments (Fabrication may Proceed)				
3	NF: Approved With Comments (Fabrication not Proceed)				Item No. (Tag No.): PK-6101
4	RJ: Rejected				
5	NR: Not be Returned				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0077-D0
Date: XX.XX.XX      Signature:					
D0	22.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
<b>REV</b>	<b>DATE ISSUE</b>	<b>PREPARED</b>	<b>CHECKED</b>	<b>APPROVED</b>	



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Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4
1	x				
2	x				
3	x				
4	x				
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
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22					
23					
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25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					

Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
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1	SERVICE:	<b>OIL FILTER</b>		ITEM NO. :	<b>F-PK-6101-1A/B, F-PK-6101-2A/B</b>		INSTALLATION	<b>OUTDOOR</b>			
2	NO. REQUIRED:	<b>2x duplex</b>		SIZE:	ID= <b>8"(*)</b> mm	L= <b>1300(*)</b> mm	CAPACITY	* m3			
3	FLUID:	<b>LUBE OIL</b>		WEIGHT:	EMPTY *	OPERATION *	FULL OF WATER *	kg			
4	DESIGN & TEST DATA				NOZZLE & CONNECTIONS						
5	CODE REQUIRED:	<b>ASME SECT.VIII DIV.1(NO STAMP)</b>			MARK	NO	SIZE	RATING	TYPE	SERVICE	
6	PRESSURE:	OPERATING	<b>22.3</b>	barG	<b>A</b>	<b>1</b>	<b>3"</b>	<b>ASME 300#</b>		<b>INLET</b>	
7		DESIGN	<b>25.0</b>	barG	<b>B</b>	<b>1</b>	<b>3"</b>	<b>ASME 300#</b>		<b>OUTLET</b>	
8		EMER.VAC.DESIGN	<b>FV</b>		<b>D1</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>DRAIN DIRTY</b>	
9		HYDROSTATIC TEST			barG	<b>D2</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>DRAIN CLEAN</b>
10		PNEUMATIC TEST			barG	<b>V</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>VENT</b>
11	TEMPERATURE:	OPERATING	<b>50.0</b>	(°C)							
12		DESIGN	<b>120</b>	(°C)							
13	CORROSION ALLOWANCE:	SHELL & HEADS	<b>3.0</b>	mm							
14		INTERNALS	<b>0.0</b>	mm							
15	TYPE OF HEAD:	<b>FLAT</b>									
16	STRESS RELIEVING:										
17	X-RAY :										
18	JOINT EFFICIENCY (%):										
19	MATERIALS				FILTERING						
20	SHELL & HEADS	<b>SA106 Gr.B</b>			LIQUID	FLUID	<b>LUBE OIL LIQUID</b>				
21	SUPPORT SADDLES BRACKETS	<b>C.S</b>				DESIGN FLOW	<b>240 x1.2</b>	LPM			
22	INTERNALS	<b>C.S</b>				DENSITY	<b>887</b>	kg/m3			
23	NOZZLE NECKS	<b>C.S</b>				VISCOSITY	<b>2.2</b>	Cp			
24	NOZZLE FLANGES	<b>SA105</b>				MOLECULAR WEIGHT	-				
25	BOLTS & NUTS (EXT.)	<b>A193 B7 / A194 2H</b>				TEMPERATURE	<b>80~ 50</b>	(°C)			
26	GASKETS / ORING	<b>VITON</b>				PRESSURE	<b>22.3</b>	barG			
27	BOLTS & NUTS (INT.)	-			SOLID TO BE SEPARATED	SOLID	<b>RUST</b>				
28						FLOW RATE	<b>TRACE</b>	kg/hr			
29						DENSITY		kg/m3			
30						PARTICLE SIZE		µm			
31						PARTIAL SEPARATION EFFICIENCY	<b>10</b>	µm	<b>95</b>	%	
32	ACCESSORIES								µm	%	
33	<b>LIFTING LUG , EARTH LUG , NAME PL, COVER DAVIT</b>							µm	%		
34	<b>EQUALIZING VALVE LOCKABLE TYPE</b>						µm	%			
35	INSULATION :	<b>NO</b>			ELEMENT	TYPE	<b>CARTRIDGE</b>				
36	FIRE PROOFING:	<b>NO</b>				PRESS. DROP CLEAN/DIRTY	<b>&lt;0.25 (*)</b> / <b>&lt; 1.0</b>	bar			
37						MATERIAL	<b>S.S.304</b>				
38						BORE DIAMETER	*	µm			
39						PARTICLE TO BE REMOVED	<b>10 µm 95 %wt</b>				
40						NO. OF CARTRIDGES	<b>2</b>	m2			
41						OPENING AREA	*	m2			
42											
43	NOTES										
44	1. All internal welds shall be ground flush & sharp corners shall be rounded off.										
45	2. * marks shall be decided by filter element vendor.										
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