



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
<input checked="" type="checkbox"/>	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: 06.12.2021		Signature: A.AB			
D0	22.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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1	SERVICE:	OIL FILTER	ITEM NO. :	F-PK-6101-1A/B, F-PK-6101-2A/B	INSTALLATION	OUTDOOR					
2	NO. REQUIRED:	2x duplex	SIZE:	ID= 8"(*) mm L= 1300(*) mm	CAPACITY	* m3					
3	FLUID:	LUBE OIL	WEIGHT:	EMPTY * OPERATION * FULL OF WATER * kg							
4	DESIGN & TEST DATA				NOZZLE & CONNECTIONS						
5	CODE REQUIRED:	ASME SECT.VIII DIV.1(NO STAMP)			MARK	NO	SIZE	RATING	TYPE	SERVICE	
6	PRESSURE:	OPERATING	22.3	barG	A	1	3"	ASME 300#		INLET	
7		DESIGN	5.0	barG	B	1	3"	ASME 300#		OUTLET	
8		EMER.VAC.DESIGN	FV		D1	2	2"	ASME 300#		DRAIN DIRTY	
9		HYDROSTATIC TEST			D2	2	2"	ASME 300#		DRAIN CLEAN	
10		PNEUMATIC TEST			V	2	2"	ASME 300#		VENT	
11	TEMPERATURE:	OPERATING	50.0	(°C)							
12		DESIGN	120	(°C)							
13	CORROSION ALLOWANCE:	SHELL & HEADS	3.0	mm							
14		INTERNAL	0.0	mm							
15	TYPE OF HEAD:	FLAT									
16	STRESS RELIEVING:										
17	X-RAY :										
18	JOINT EFFICIENCY (%):										
19	MATERIALS				FILTERING						
20	SHELL & HEADS	SA106 Gr.B			LIQUID	FLUID	LUBE OIL LIQUID				
21	SUPPORT SADDLES BRACKETS	C.S				DESIGN FLOW	240 x1.2	LPM			
22	INTERNALS	C.S				DENSITY	887	kg/m3			
23	NOZZLE NECKS	C.S				VISCOSITY	2.2	Cp			
24	NOZZLE FLANGES	SA105				MOLECULAR WEIGHT	-				
25	BOLTS & NUTS (EXT.)	A193 B7 / A194 2H				TEMPERATURE	80~ 50	(°C)			
26	GASKETS / ORING	VITON				PRESSURE	22.3	barG			
27	BOLTS & NUTS (INT.)	-			SOLID TO BE SEPARATED	SOLID	RUST				
28						FLOW RATE	Please consider 99 kg/hr				
29						DENSITY	kg/m3				
30						PARTICLE SIZE	µm				
31						PARTIAL SEPARATION EFFICIENCY	10 µm	95	%		
32	ACCESSORIES							µm	%		
33	LIFTING LUG , EARTH LUG , NAME PL, COVER DAVIT						µm	%			
34	EQUALIZING VALVE LOCKABLE TYPE					µm	%				
35	INSULATION :	NO mm			ELEMENT	TYPE	CARTRIDGE				
36	FIRE PROOFING:	NO				PRESS. DROP CLEAN/DIRTY	<0.25 (*) / < 1.0 bar				
37						MATERIAL	S.S.304				
38						BORE DIAMETER	* µm				
39						NO. OF CARTRIDGES	10 µm 95 %wt				
40					NO. OF CARTRIDGES	2 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.										
46	please complete data										
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