






OWNER:  شرکت سست و سویی توهمه ایران (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>							 Netherlands	
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-11F	BU	20	VD	303	ME	DSH	0020	Rev.:	Page
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## LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

01	15/12/2021	For approval			KP	LdM	CL	
00	18/11/2021	For approval			KP	LdM	CL	
Rev	Date	Purpose of Issue			Prepared	Checked	Approved	AC Code
							Class: 1	Phase: P



<b>VENDOR</b> 		<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>		P.O. No. 52-98/445
				Document No. 17811-11F
				Sheet No. 3
				Rev.No 01
<b>CONTRACTOR / END USER</b>     		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service Nitrogen compressor 20-C-1002
<b>SHAFT DRIVEN OIL PUMP</b>				
1				
2	<b>No. Required</b>	1		
3	<b>MFR Supplier</b>	Mehrer		
4	<b>Type of filter :</b>	Filter (Element)		
5	<b>Oil Type :</b>	Klüber Summit PS300		
6	<b>Mesh size of filter</b>	0,6 mm		
7	<b>Capacity :</b>	30 - 50 L/h		
8	<b>Min.. Oil Temperature :</b>	5 °C		
9	<b>Max. Oil Temperature :</b>	70 °C		
10	<b>Max. Allowable Oil Pressure / MAWP :</b>	4 bar(g)		
11	<b>Min. Allowable Oil Pressure :</b>	1,6 bar(g)		
12	<b>Operating Oil Pressure :</b>	2,0 bar(g)		
13	<b>Oil pump PRV Set Pressure :</b>	2,0 bar(g)		
14	<b>Oil filter design pressure :</b>	3,5 bar(g)		
15	<b>Oil filter design temperature :</b>	-5 to 85°C		
16	<b>Material of filter</b>	Body / element are SS316		
17	<b>Location :</b>	Rear bearing cover		
<b>NOTES :</b>				
18	1. The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle. 2. The oil pump PRV set pressure is the set pressure of the oil pump internal overflow valve.			