





OWNER:  شرکت مست و موی توسعه ایرانلیان (سایه، نظامی)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER							 Netherlands	
MC :  شرکت مست و موی توسعه ایرانلیان (سایه، نظامی)	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
								02	1 of 3

LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

02	07/01/2022	Approved for Construction	KP	LdM	CL		
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

VENDOR 		LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER		P.O. No. 52-98/445
				Document No. 17811-11F
				Sheet No. 3
				Rev.No 02
CONTRACTOR / END USER     		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT		Service Nitrogen compressor 20-C-1002
SHAFT DRIVEN OIL PUMP				
1				
2	No. Required	1		
3	MFR Supplier	Mehrer		
4	Type of filter :	Filter (Element)		
5	Oil Type :	Klüber Summit PS300		
6	Mesh size of filter	0,6 mm		
7	Capacity :	30 - 50 L/h		
8	Min.. Oil Temperature :	5 °C		
9	Max. Oil Temperature :	70 °C		
10	Max. Allowable Oil Pressure / MAWP :	4 bar(g)		
11	Min. Allowable Oil Pressure :	1,6 bar(g)		
12	Operating Oil Pressure :	2,0 bar(g)		
13	Oil pump PRV Set Pressure :	2,0 bar(g)		
14	Oil filter design pressure :	3,5 bar(g)		
15	Oil filter design temperature :	-5 to 85°C		
16	Material of filter	Body / element are SS316		
17	Location :	Rear bearing cover		
NOTES :				
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.			