

OWNER:



**BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT**

EPC CONTRACTOR:



MC :









**LUBE OIL SYSTEM FILTER
MECHANICAL DATA SHEET FOR
EMERGENCY INSTRUMENT AIR
COMPRESSOR**



Owner Document Number: 17811-11L	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
	BU	20	VD	303	ME	DSH	0073	Rev.:	Page
								00	1 of 3

**LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR
EMERGENCY INSTRUMENT AIR COMPRESSOR**

00	16/11/2021	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 EMERGENCY INSTRUMENT AIR COMPRESSOR		P.O. No. 52-98/445
CONTRACTOR / END USER     		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT		Document No. 17811-11L Sheet No. 3 Rev.No 00
				Service instrument air compressor 20-C-7080
1	SHAFT DRIVEN OIL PUMP			
2	No. Required	1		
3	MFR Supplier	Mehrer		
4	Type of filter :	strainer in sump		
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 :	1 bar(g)		
13	Min. Allowable Oil Pressure :	0,5 bar(g)		
14	Operating Oil Pressure :	0,7 bar(g)		
15	PRV Set Pressure :	0,7 bar(g)		
16	Location :	Rear bearing cover		
17	NOTES : The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.			