



Toase-e Park Sanati Gohar Ofogh
 Petrochemical Co.
**CONCEPTUAL, BASIC and DETAIL DESIGN
 ENGINEERING OF STYRENE PARK OFFSITE**



Document Title: Lubricant List/Grease List

Document No.: EI027-HSE-VD – PR– LST– 004- R0

Rev. R0

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STYRENE PARK OFFSITE

Document Title:
Lubricant List/Grease List

R0	24-08-2024	IFA	F.sh	M.O	A.M
Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED



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REVISION RECORD SHEET

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EQUIPMENT	GRADE (ISO OR ASTM)	MAKER'S BRAND	VISCOSITY	INITIAL CHARGE	REPLACEMENT		MAKE UP		REMARKS
					VOLUME	INTERVAL	VOLUME	INTERVAL	
Compressor RU0001A-C-01 RU0001B-C-01	OIL ISO VG100	CPI 1507-68	63 (@40°C)	360 liter (TBC)	360L (1*)	N/A (*2)	N/A (*2)	N/A (*2)	- Shaft seal leakage - oil filter replacement
Mian Motor None Drive End Bearing RU0001A-M-01 RU0001B-M-01	Grease	ESSO Unirex N3	100 (TBC)	30g (Drive end)	30g	Conintuous Operation, 3000 Hours (*4)	N/A (*2)	N/A (*2)	Self lubrication
Main Motor Non Drive End Bearing RU0001A-M-01 RU0001B-M-01	Grease	ESSO Unirex N3	100 (TBC)	30g (Non Drive end)	30g	Conintuous Operation, 3000 Hours (*4)	N/A (*2)	N/A (*2)	Self lubrication
Oil Pump Motor RU0001A-M-04 RU0001B-M-04	Grease	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lifetime lubricated bearings. No re-greasing required

Notes:

1* Oil analysis should be performed every 6 months. Oil should be replaced if oil analysis indicates that change is needed.

2* There is no fixed interval. It's advisable to check on regulary basis the oil level on the level guage of the oil separator for compressor and for main motor on side glass.

3* Replacement of total volume of oil is advised to be replaced every 3-4 years due to wear and reduction of the oil quality itself.

4* Permanent lubication.