



ASPC Project




END CUSTOMER	: Arya Sasol Polymer Company
CONTRACTOR	: DYPNF Co., Ltd.
VENDOR NAME	: Airpack Netherlands BV
EQUIPMENT DESCRIPTION	: Screw Compressor & Roots Blower
PURCHASE ORDER NUMBER	: PO-PC2312-08

Customer Number Document : 3944-VD-0171-DYP-RE-400-LST-0146

Airpack Document Number : 23383-44

Document Title : Lubricant list

Please fill in the yellow marked part in the attached Excel file (two sheets)

Review Code and Status		Contractor Initials/Signature	Date signed
<input type="checkbox"/>	Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed		
<input checked="" type="checkbox"/>	Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments		27 Aug 2025
<input type="checkbox"/>	Code 3 No Comments - Work may proceed.		
<input type="checkbox"/>	Code 4 Information only - Review not required.		

00	Issued for Approval	22-07-2025	SC	SK	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by

ASPC Rotary:
Minimum three column should be filled for main lubricant
and equivalent oil from well-known oil producers.

LUBRICANT LIST



Client : Arya Sasol Polymer Company Location : Assaluyeh, Iran Vendor Print No. : 3944-VD-0171-DYP-RE-400-LST-0144

No.	Item No.	Description	Q'ty	Lubricant			Lubricated Part	Initial Lubricant Filling			Refilling		Recommended by Manufacturer	Lubricant Product					Remarks	
				Type	Base	Grade		Supplied By	Quantity (Oil : Gallon, Grease : Gram)		Quantity (Per Each) (Gallon or Gram)	Interval		Shell	Mobil	Exxon	BP	Others		
									Per Each	Total		First (Hrs)								Normal (Hrs)
1	44C-40001A/B	Compressor	2	Lube Oil	Synthetic Oil	-	Gears	Vendor	70 L	140 L	By Vendor	6000	3000	Aerzen Delta lube 06	SHELL CORENA S4R 46	-	-	-	-	-
2	44C-40001A-M1/B-M1	Main Motor	2	Grease	-	NLGI 2	Bearing	Vendor	41 g (DE) 24 g (NDE)	82 g (DE) 48 g (NDE)	41 g (DE) 24 g (NDE)	4000 (DE) 2000 (NDE)	4000 (DE) 2000 (NDE)	Mobil Polyrex EM	-	-	-	-	-	
3	44C-40001A-M2/B-M2	Oil Demister Motor	2	-	-	-	Bearing	Vendor	-lubricated for life	-lubricated for life	-lubricated for life	-lubricated for life	-lubricated for life	-	-	-	-	-	-	
4	44C-40001A-M3/B-M3	Enclosure Fan Motor	2	-	-	-	Bearing	Vendor	-lubricated for life	-lubricated for life	-lubricated for life	-lubricated for life	-lubricated for life	-	-	-	-	-	-	
5	44Z-20002A-M1/B-M1	Conveying Station Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	6.5 L	13 L	6.5 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-	
6	44Z-40001A-M1/B-M1	Conveying Station Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	15.9 L	31.8 L	15.9 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-	
7	44Z-40002A-M1/B-M1	Rotary Valve Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	15.9 L	31.8 L	15.9 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-	
8	44Z-40003A-M1/B-M1	Rotary Valve Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	15.9 L	31.8 L	15.9 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-	
9	44Z-40004A-M1/B-M1	Rotary Valve Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	15.9 L	31.8 L	15.9 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-	
10	44C-50008	Fan	1	Grease	-	NLGI 2	Fan Bearing	Vendor	2.29	4.58	0.17	5000	5000	SHELL ALVANIA RL2	SHELL ALVANIA RL2	MOBIL SHC 100	MOBIL MOBILUX EP2	ENERGREASE EP2	GULF CROWN GREASE#2	
11	44C-50008	Fan	1	Grease	-	NLGI 2	Manual Damper Bearing	Vendor	0.05	0.1	0.015	4320	4320	SHELL ALVANIA RL2	SHELL ALVANIA RL2	MOBIL SHC 100	MOBIL MOBILUX EP2	ENERGREASE EP2	GULF CROWN GREASE#2	
12	44WS-50001-M1	Loading Device Motor	1	Lube Oil	Synthetic Oil	ISO VG320	GEAR	Vendor	1.0L	1.0L	N/A	N/A	N/A	ENI TELIUM VSF320	TIVELA OIL S320	SHC 632	-	ENERGOL SG-XP320	-	

LUBRICANT LIST

ASPC Rotary:
Minimum three column should be filled for main lubricant and equivalent oil from well-known oil producers.



Client : Arya Sasol Polymer Company Location : Assaluyeh, Iran Vendor Print No. : 3944-VD-0180-DYP-RE-800-LST-0012

No.	Item No.	Description	Q'ty	Lubricant			Lubricated Part	Initial Lubricant Filling			Refilling		Recommended by Manufacture	Lubricant Product					Remarks		
				Type	Base	Grade		Supplied By	Quantity (Oil : Gallon, Grease : Ounce)		Quantity (Per Each) (Gallon or Ounce)	Interval		Equivalent One							
									Per Each	Total		First (Hrs)		Normal (Hrs)	Shell	Mobil	Exxon	BP		Others	
1	44C-80001A/B	Compressor	2	Lube Oil	Synthetic Oil	-	Gears	Vendor	30 L	60 L	By Vendor	6000	3000	Aerzen Delta Lube 06	SHELL CORENA S4R 46	-	-	-	-	-	-
2	44C-80001A-M1/B-M1	Main Motor	2	Grease	-	NLGI 2	Bearing	Vendor	27 g (DE) 27 g (NDE)	54 g (DE) 54 g (NDE)	27 g (DE) 27 g (NDE)	4500 (DE), 4500 (NDE)	4500 (DE), 4500 (NDE)	Mobil Prying EM	-	-	-	-	-	-	
3	44C-80001A-M2/B-M2	Oil Demister Motor	2	-	-	-	Bearing	Vendor	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-	-	-	-	-	-	-	
4	44C-80001A-M3/B-M3	Enclosure Fan Motor	2	-	-	-	Bearing	Vendor	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-	-	-	-	-	-	-	
5	44C-80002A/B	Roots Blower	2	Lube Oil	Synthetic Oil	-	Gears	Vendor	12.5 L	25 L	By Vendor	6000	3000	Aerzen Delta Lube 06	SHELL CORENA S4R 46	-	-	-	-	-	
6	44C-80002A-M1/B-M1	Main Motor	2	Grease	-	NLGI 2	Bearing	Vendor	51 g (DE) 34 g (NDE)	102 g (DE) 68 g (NDE)	51 g (DE) 34 g (NDE)	4500 (DE), 4500 (NDE)	4500 (DE), 4500 (NDE)	Mobil Prying EM	-	-	-	-	-	-	
7	44C-80004A/B	Compressor	2	Lube Oil	Synthetic Oil	-	Gears	Vendor	65 L	130 L	By Vendor	6000	3000	Aerzen Delta Lube 06	SHELL CORENA S4R 46	-	-	-	-	-	
8	44C-80004A-M1/B-M1	Main Motor	2	Grease	-	NLGI 2	Bearing	Vendor	31 g (DE) 31 g (NDE)	62 g (DE) 62 g (NDE)	31 g (DE) 31 g (NDE)	3564 (DE), 3564 (NDE)	3564 (DE), 3564 (NDE)	Mobil Prying EM	-	-	-	-	-	-	
9	44C-80004A-M2/B-M2	Oil Demister Motor	2	-	-	-	Bearing	Vendor	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-	-	-	-	-	-	-	
10	44C-80004A-M2/B-M3	Enclosure Fan Motor	2	-	-	-	Bearing	Vendor	-(Shaft driven)	-(Shaft driven)	-(Shaft driven)	-(Shaft driven)	-(Shaft driven)	-	-	-	-	-	-	-	
11	44C-80005A/B/C	Compressor	3	Lube Oil	Synthetic Oil	-	Gears	Vendor	30 L	90 L	By Vendor	6000	3000	Aerzen Delta Lube 06	SHELL CORENA S4R 46	-	-	-	-	-	
12	44C-80005A-M1/B-M1/C-M1	Main Motor	3	Grease	-	NLGI 2	Bearing	Vendor	27 g (DE) 27 g (NDE)	81 g (DE) 81 g (NDE)	27 g (DE) 27 g (NDE)	4500 (DE), 4500 (NDE)	4500 (DE), 4500 (NDE)	Mobil Prying EM	-	-	-	-	-	-	
13	44C-80005A-M2/B-M2/C-M2	Oil Demister Motor	3	-	-	-	Bearing	Vendor	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-	-	-	-	-	-	-	
14	44C-80005A-M3/B-M3/C-M3	Enclosure Fan Motor	3	-	-	-	Bearing	Vendor	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-(lubricated for life)	-	-	-	-	-	-	-	
15	44Z-50001A-M1/B-M1	Conveying Station Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	11.7 L	23.4 L	11.7 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-		
16	44Z-80001A-M1~F-M1	Conveying Station Motor	6	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	11.7 L	23.4 L	11.7 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-		
17	44Z-80002A-M1~F-M1	Conveying Station Motor	6	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	11.7 L	23.4 L	11.7 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-		
18	44Z-80003A-M1/B-M1	Rotary Valve Motor	2	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	6.5 L	13.0 L	6.5 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-		
19	44Z-80011-M1/21-M1/31-M1	Rotary Valve Motor	3	Lube Oil	Synthetic Oil	ISO VG320	Reducer	Vendor	2.0 L	6.0 L	2.0 L	6000	6000	OMALA HD320	OMALA HD320	SHC 320	SHC 320	ENERGOL HTX320	-		
20	44C-80006A/B	Fan	2	Grease	-	NLGI 2	Fan Bearing	Vendor	4.41	8.82	0.24	4000	4000	SHELL ALVANIA RL2	SHELL ALVANIA RL2	MOBIL SHC 100	MOBIL MOBILUX EP2	ENERGREASE EP2	GULF CROWN GREASE#2		
21	44C-80006A-M1/B-M1	Fan Motor	2	Grease	-	NLGI 2	Motor Bearing	Vendor	4.09 (DE) 1.16 (NDE)	8.18 (DE) 2.32 (NDE)	0.81 (DE) 0.35 (NDE)	2160	2160	SHELL GADUS S2 V100 2	SHELL GADUS S2 V100 2	MOBIL SHC 100	MOBILUX EP2	ENERGREASE S3	CALTEX KIXX GREASE 2		

LUBRICANT LIST



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No.	Item No.	Description	Q'ty	Lubricant			Lubricated Part	Initial Lubricant Filling		Refilling		Lubricant Product						Remarks		
				Type	Base	Grade		Supplied By	Quantity (Oil : Gallon, Grease : Ounce)		Quantity (Per Each) (Gallon or Ounce)	Interval		Recommended by Manufacturer	Equivalent One					
									Per Each	Total		First (Hrs)	Normal (Hrs)		Shell	Mobil	Exxon		BP	Others
22	44C-80006A/B	Fan	2	Grease	-	NLGI 2	Manual Damper Bearing	Vendor	0.05	0.1	0.015	4320	4320	SHELL ALVANIA RL2	SHELL ALVANIA RL2	MOBIL SHC 100	MOBIL MOBILUX EP2	ENERGREASE EP2	GULF CROWN GREASE#2	
23	44C-80006A/B	Fan	2	Grease	-	NLGI 2	Check Damper Bearing	Vendor	0.09	0.18	0.027	4320	4320	SHELL ALVANIA RL2	SHELL ALVANIA RL2	MOBIL SHC 100	MOBIL MOBILUX EP2	ENERGREASE EP2	GULF CROWN GREASE#2	