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***E-Bulletin***

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# **AUTOMATED LUBRICANT FILLING OPERATION**



**Sunair Europe is proud to announce the installation of its own Lubricant Filling Equipment. This state of the art German equipment will enable us to fill a wide range of container sizes and types. From small milliliter bottles up to 20 Liter pails. All containers will be Nitrogen charged for added quality and long term storage.**

# Our filling equipment has the capacity to fill 80ml to a maximum of 5,000ml. Dry Nitrogen is injected into each container before filling.



The filling probe is lowered into the container and filling begins at the bottom and is complete as the probe returns to the top. The dry Nitrogen is forced upward during the filling process and remains in the container until capped.



Weight samples are taken after the filling process to make sure that the volumetric container weight is always correct.



Caps for the plastic bottles are screwed down by an automatic screw gun to a specified torque. Caps for the metal cans are pushed down into the container by an automatic press to a specified pressure.



## To compliment our Lubricant Filling operation we have also installed state of the art Automated Label applying systems for labeling various sizes and types of bottles and cans.



Plastic bottle caps are hermetically sealed using an Induction Cap Sealer. This ensures that the bottle caps will not leak in transit to the customer.



Labels are applied on round metal cans by rolling the labels on a can that is turning on rollers. We can apply labels to 250ml and 1 liter round cans.



Labels are automatically applied on rectangular metal cans and plastic bottles. We can apply labels to 250ml and 1 liter rectangular metal cans and plastic bottles.



Sunair Europe is also capable of the design and printing of custom labels for our many customers who demand special branded lubricants in large and small quantities.



Sunair Europe uses only the finest lubricants supplied by Shrieve Products International Ltd. Sunair Europe can supply your lubricant needs from 100ml bottles to 200 liter drums.

## SINGLE END CAPPED PAG 46, 100 & 150 LUBRICANTS

Sunair Part No.	Application / Description	Case Qty.
<b>OB-92CEM</b>	250ml PAG 46 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-92CEP</b>	250ml PAG 46 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9331CEM</b>	1 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-9331CEP</b>	1 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9511CEM</b>	5 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9611CEM</b>	10 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9711CEM</b>	20 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 46SE</b>	200 Liter PAG 46 "Single End Capped" Refrigerant Lubricant in Drum	1 Drum
<b>OB-93CEM</b>	250ml PAG 100 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-93CEP</b>	250ml PAG 100 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9341CEM</b>	1 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-9341CEP</b>	1 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9521CEM</b>	5 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9621CEM</b>	10 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9721CEM</b>	20 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 100SE</b>	200 Liter PAG 100 "Single End Capped" Refrigerant Lubricant in Drum	1 Drum
<b>OB-94CEM</b>	250ml PAG 150 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-94CEP</b>	250ml PAG 150 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9351CEM</b>	1 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-9351CEP</b>	1 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-9531CEM</b>	5 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9631CEM</b>	10 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-9731CEM</b>	20 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 150SE</b>	200 Liter PAG 150 "Single End Capped" Refrigerant Lubricant in Drum	1 Drum

## DOUBLE END CAPPED PAG 46, 100 & 150 LUBRICANTS

Sunair Part No.	Application / Description	Case Qty.
<b>OB-62CEM</b>	250ml PAG 46 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-62CEP</b>	250ml PAG 46 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6331CEM</b>	1 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-6331CEP</b>	1 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6511CEM</b>	5 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6611CEM</b>	10 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6711CEM</b>	20 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 46E</b>	200 Liter PAG 46 "Double End Capped" Refrigerant Lubricant in Drum	1 Drum
<b>OB-63CEM</b>	250ml PAG 100 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-63CEP</b>	250ml PAG 100 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6341CEM</b>	1 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-6341CEP</b>	1 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6521CEM</b>	5 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6621CEM</b>	10 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6721CEM</b>	20 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 100E</b>	200 Liter PAG 100 "Double End Capped" Refrigerant Lubricant in Drum	1 Drum
<b>OB-64CEM</b>	250ml PAG 150 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-64CEP</b>	250ml PAG 150 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6351CEM</b>	1 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Metal Cannister	6
<b>OB-6351CEP</b>	1 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Plastic Bottle	6
<b>OB-6531CEM</b>	5 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6631CEM</b>	10 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>OB-6731CEM</b>	20 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Metal Cannister	1
<b>DRUM PAG 150E</b>	200 Liter PAG 150 "Double End Capped" Refrigerant Lubricant in Drum	1 Drum

## PREMIUM POLYOL ESTER POE 32, 68 & 100 LUBRICANTS

Sunair Part No.	Application / Description	Case Qty.
OB-321LEM	1 Liter POE 32 Polyol Ester Refrigerant Lubricant in Metal Cannister	6
OB-325LEM	5 Liter POE 32 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-3210LEM	10 Liter POE 32 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-3220LEM	20 Liter POE 32 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
DRUM POE 32	200 Liter POE 32 Polyol Ester Refrigerant Lubricant in Drum	1 Drum
OB-681LEM	1 Liter POE 68 Polyol Ester Refrigerant Lubricant in Metal Cannister	6
OB-685LEM	5 Liter POE 68 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-6810LEM	10 Liter POE 68 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-6820LEM	20 Liter POE 68 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
DRUM POE 68	200 Liter POE 68 Polyol Ester Refrigerant Lubricant in Drum	1 Drum
OB-61CEM	250ml POE 100 Polyol Ester Refrigerant Lubricant in Metal Cannister	6
OB-61CEP	250ml POE 100 Polyol Ester Refrigerant Lubricant in Plastic Bottle	6
OB-6321CEM	1 Liter POE 100 Polyol Ester Refrigerant Lubricant in Metal Cannister	6
OB-6321CEP	1 Liter POE 100 Polyol Ester Refrigerant Lubricant in Plastic Bottle	6
OB-6128CEM	5 Liter POE 100 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-6228CEM	10 Liter POE 100 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
OB-6328CEM	20 Liter POE 100 Polyol Ester Refrigerant Lubricant in Metal Cannister	1
DRUM POE-E	200 Liter POE 100 Polyol Ester Refrigerant Lubricant in Drum	1 Drum

## SPECIAL LUBRICANTS MINERAL & VACUUM PUMP OIL

Sunair Part No.	Application / Description	Case Qty.
OB-65CEP	250ml Hybrid Electric A/C Lubricant for Electrically-Driven Compressors	2
OB-0321MCEP	1 Liter Mineral Oil For R-12 Systems and Assembly in Plastic Bottle	6
OB-01281MCEM	5 Liter Mineral Oil For R-12 Systems and Assembly in Metal Cannister	1
MINERAL OIL DRUM-E	200 Liter Mineral Oil For R-12 Systems and Assembly in Drum	1 Drum
OB-121VCEP	250ml Vacuum Pump Oil in Plastic Bottle	6
OB-321VCEP	1 Liter Vacuum Pump Oil in Plastic Bottle	6

## SPECIALTY A/C PRODUCTS CLEANERS, DYES, FLUSH, LEAK STOP

Sunair Part No.	Application / Description	Case Qty.
CP5154	80ml Leak Stop / PAG Mixture For R134a A/C Systems in Plastic Bottle	1
CP5155	Leak Stop Kit - (2) 80ml Leak Stop Bottles with Universal Dye Injector Tool	1
CP5160E	400ml Evaporator Cleanse / Deoderizer in Special Metal Pressurized Cannister	1
CP5161E	100ml Vehicle Interior Deoderizer in Special Metal Pressurized Cannister	1
CP5162E	200ml Vehicle Interior Deoderizer in Special Metal Pressurized Cannister	1
CP5159E	400ml Condenser Cleaner in Metal Pressurized Spray Cannister	1
CP5063E	7.5ml Yellow U.V. Dye in Plastic tube - One Shot Dye	12
CP5157E	7.5ml Yellow U.V. Dye in Plastic Accordion Type Bottle - One Shot Dye	12
CP5045E	250ml Yellow U.V. Dye in Plastic Bottle	1
CP5067E	1 Liter Yellow U.V. Dye in Plastic Bottle	1
CP5163E	One Shot Dye Injector Kit - 7.5ml Yellow U.V. in Plastic Accordion Type Bottle	1
CP5164E	400ml Leak Detection Spray - Spray on Hose Connections, etc. to Find Leaks	1
CP5034E	400ml U.V. Dye Cleaner - Removes Dye from Parts After Leak Repair	1
CP5086	1 Liter Complete A/C System Flush in Metal Cannister - Non-Flammable	1
CP5087	5 Liter Complete A/C System Flush in Metal Cannister - Non-Flammable	1
CP5158E	500ml A/C System Flush Spray in Special Metal Pressurized Cannister	1

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