

Totaline Oils and Lubricants

Maintain Peak Efficiency for your Equipment with Totaline Oils and Lubricants



- Refrigeration Oils • Mineral Refrigeration Oils • Alkylbenzene (AB) Refrigeration Oils •
- Polyol Ester (POE) Refrigeration Oils • Polyvinyl Ether (PVE) Refrigeration Oils • Vacuum Pump Oils •



Universal HVAC/R
Parts and Supplies



TRUST TOTALINE®
ON YOUR TRUCK

Totaline® Oils

Help Maintain Peak Efficiency for All Equipment with Totaline Oils.

Safe

All Totaline products go through a rigorous testing process to ensure safety for the technician and your equipment.

- Equipment and technician safe
- Carrier EH&S approved
- Environmental products in line-up

Quality

Premium blend of ingredients to help get the job done fast and right!

- Exclusively available from Totaline® distributors

Easy to Use

- Product type and description right on the package
- Easy to select the correct product

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**Universal HVAC/R
Parts and Supplies**

★ Safe when used by a trained HVAC/R professional as directed.

Polyvinyl Ether Refrigeration Oil (PVE)



Totaline PVE is a new generation polyvinyl ether compressor lubricant for use with HFC refrigerants.

- Inherently resistant to Hydrolysis which provides superiority over polyolesters (POE)
- Use in systems requiring polyvinyl ether lubricant

Part Number:	Size:	Description:	Replaces
P903-1925	1 Quart (946 ml)	PVE 68	FVC 68D
P903-2525	1 Quart (946 ml)	PVE 32	FVC 32D
P903-2501	1 Gallon (3.785 L)	PVE 32	FVC 32D

Vacuum Pump Oil



- Cleans pump while loosens dirt and sludge
- Anti-rust ingredient protects internal parts
- Combination of additives makes for a true anti-wear lubricant and lengthens pump life
- Finely filtered during packaging for high purity

Part Number:	Size:
P903-0632	1 Quart (946 ml)
P903-0601	1 Gallon (3.8L)
P903-0605	5 Gallon (22.8L)

Penetrating Oil & Lubricant



- Convenient spray bottle
- Stops squeaks
- Loosens rusted parts
- Prevents corrosion
- Displaces moisture
- Protects metal
- No gummy build-up

Part Number:	Size:
P903-8025	1 Quart (946 ml) – Spray Bottle

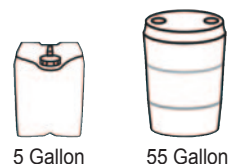
Totaline® Oils

Mineral Refrigeration Oil (MIN)



Mineral Refrigeration Oil (MIN)

- High quality naphthenic based lubricants
- OEM approved
- Compatible with CFC and HCFC refrigerants
- Moisture and wax free
- Finely filtered during packaging for high purity



150 SUS

Part No.	Type	Size
P903-0101	150 SUS	1 Gal. (3.8L)
P903-0105	150 SUS	5 Gal (18.9 L)
P903-0155	150 SUS	55 Gal (208.2 L)

Replaces

3GS, WF32, C-3
3GS, WF32, C-3
3GS, WF32, C-3

300 SUS

Part No.	Type	Size
P903-0201	300 SUS	1 Gal. (3.8L)
P903-0205	300 SUS	5 Gal (18.9L)
P903-0255	300 SUS	55 Gal (208.2L)

Replaces

4GS, WF68, C-4
4GS, WF68, C-4
4GS, WF68, C-4

Alkylbenzene Refrigeration Oil (AB)



- High quality reliable lubrication
- High solubility
- Low foaming
- Low floc point
- Excellent thermal stability
- OEM approved



5 Gallon

150 SUS

Part No.	Type	Size
P903-2001	150 SUS	1 Gal. (3.8L)
P903-2005	150 SUS	5 Gal (18.9L)

Replaces

Zerol 150, RF150, AB150
Zerol 150, RF150, AB150

200 SUS - Copeland approved

Part No.	Type	Size
P903-2101	200 SUS	1 Gal. (3.8L)
P903-2105	200 SUS	5 Gal (18.9L)

Replaces

Zerol 200TD, AB200A
Zerol 200TD, AB200A

300 SUS

Part No.	Type	Size
P903-2201	300 SUS	1 Gal. (3.8L)
P903-2205	300 SUS	5 Gal (18.9L)

Replaces

Zerol 300, AB300
Zerol 300, AB300



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Polyol Ester Refrigeration Oil (POE)

- Excellent lubricating properties over a wide temperature range
- OEM approved
- Specially formulated for use with HFC refrigerants
- Also compatible with CFC HCFC refrigerants for easier changeovers



5 Gallon

POE32

Part No.	Type	Viscosity	Size	Replaces
P903-1125	POE32	32 cSt	1 Qt. (946 ml)	SW 32
P903-1101	POE32	32 cSt	1 Gal. (3.8L)	SW 32
P903-1105	POE32	32 cSt	5 Gal. (18.9L)	SW 32

POE32e

Part No.	Type	Viscosity	Size	Replaces
P903-2425	POE32e	32 cSt	1 Qt. (946 ml)	RL32H, EAL ARTIC 32
P903-2401	POE32e	32 cSt	1 Gal. (3.8L)	RL32H, EAL ARTIC 32
P903-2405	POE32e	32 cSt	5 Gal. (18.9L)	RL32H, EAL ARTIC 32

POE32 3maf - Copeland approved

Part No.	Type	Viscosity	Size	Replaces
P903-1625	POE32 3maf	32 cSt	1 Qt. (946 ml)	RL32-3MAF EAL ARTIC 32-3MAF
P903-1601	POE32 3maf	32 cSt	1 Gal. (3.8L)	RL32-3MAF EAL ARTIC 32-3MAF
P903-1605	POE32 3maf	32 cSt	5 Gal. (18.9L)	RL32-3MAF EAL ARTIC 32-MAF

32BC - Bristol Compressor

Part No.	Type	Viscosity	Size	Replaces
P903-1812	32BC	32 cSt	12 fl. oz. (355 ml)	EAL ARTIC 32 BC

POE68

Part No.	Type	Viscosity	Size	Replaces
P903-1025	POE68	68 cSt	1 Qt. (946 ml)	RL68HB, RL68HP, SW 68
P903-1001	POE68	68 cSt	1 Gal. (3.8L)	RL68HB, RL68HP, SW 68
P903-1005	POE68	68 cSt	5 Gal. (18.9L)	RL68HB, RL68HP, SW 68

POE68e - Low Temp

Part No.	Type	Viscosity	Size	Replaces
P903-1725	POE68	68 cSt	1 Qt. (946 ml)	RL68H, EAL 68, ICEMATIC E68
P903-1701	POE68	68 cSt	1 Gal. (3.8L)	RL68H, EAL 68, ICEMATIC E68
P903-1705	POE68	68 cSt	5 Gal. (18.9L)	RL68H, EAL 68, ICEMATIC E68

POE100e

Part No.	Type	Viscosity	Size	Replaces
P903-1525	POE100e	100 cSt	1 Qt. (946 ml)	RL100H, ICEMATIC E100, RL100S
P903-1501	POE100e	100 cSt	1 Gal. (3.8L)	RL100H, ICEMATIC E100, RL100S
P903-1505	POE100e	100 cSt	5 Gal. (18.9L)	RL100H, ICEMATIC E100, RL100S

POE220vs

Part No.	Type	Viscosity	Size	Replaces
P903-2325	POE200vs	200 cSt	1 Qt. (946 ml)	RL220HC+, SW 220, SW 220XL
P903-2301	POE200vs	200 cSt	1 Gal. (3.8L)	RL220HC+, SW 220, SW 220XL
P903-2305	POE200vs	200 cSt	5 Gal. (18.9L)	RL220HC+, SW 220, SW 220XL

Totaline® Oils

Approved Totaline® Oils for Totaline and Carlyle™ Compressors

Compressor Model	Refrigerant R-12, R-22 (L & H temp.)			Refrigerant R-507, R-404A (Med. temp.)			Refrigerant R-507, R-404A (Low temp.)			Refrigerant R-407C (Med. temp & A/C)			Refrigerant R-134a (M & H temp.)		
	Oil Model	Totaline Part Number		Oil Model	Totaline Part Number		Oil Model	Totaline Part Number		Oil Model	Totaline Part Number		Oil Model	Totaline Part Number	
Carlyle 06D, E Semi-hermetic (Oil approvals are the same for 06D/E and 5F/H)	Z 150 (Alkylbenzene)	P903-2001 P903-2005 P903-2025		POE68	P903-1001 P903-1025 P903-1005	OR	POE68e (Do not use POE68 for Low temp.)	P903-1725 P903-1701 P903-1705		POE68	P903-1001 P903-1025 P903-1005		POE68	P903-1001 P903-1025 P903-1005	
	Mineral Refr Oil 150	P903-0101 P903-0105 P903-0155		POE68e	P903-1725 P903-1701 P903-1705					OR POE68e	P903-1725 P903-1701 P903-1705				
Carlyle 5F/H open	Z 150 (Alkylbenzene)	P903-2001 P903-2005 P903-2025		POE68	P903-1001 P903-1025 P903-1005	OR	POE68e (Do not use POE68 for Low temp.)	P903-1725 P903-1701 P903-1705		POE68	P903-1001 P903-1025 P903-1005		POE68	P903-1001 P903-1025 P903-1005	
	Mineral Refr Oil 150	P903-0101 P903-0105 P903-0155		POE68e	P903-1725 P903-1701 P903-1705					OR POE68e	P903-1725 P903-1701 P903-1705				
Carlyle 05T/06T Screw (74) OEM Screw 33-108 cfm	POE100e	P903-1501 P903-1505 P903-1525		POE100e	P903-1501 P903-1505 P903-1525		POE100e	P903-1501 P903-1505 P903-1525		Not a recommended application			POE100e	P903-1501 P903-1505 P903-1525	
	Solest 170 (R-22 only)	SOLEST170-1G SOLEST170-5G													
Carlyle 104mm 06N Screw (30GX/30HX Global Chiller) & Carlyle Thunderbolt/Paragon 06T Screw (30XA AquaForce Chiller)	Not a recommended application			Not a recommended application			Not a recommended application			Not a recommended application			POE220vs	P903-2325 P903-2301 P903-2305 P903-1225 P903-1201 P903-1205	
Carlyle 23XR/V FoxFire Screw	Not a recommended application			Not a recommended application			Not a recommended application			Not a recommended application			POE220vs	P903-2325 P903-2301 P903-2305	

Cross Reference

Totaline Part Number	Description	NuCalgon Part Number	Other Part Number
Mineral Refrigeration Oils			
P903-0101	Mineral Refrigeration Oil 150 SUS	4303-07: C-3 Mineral Refr. Oil	3GS, WF32
P903-0105	Mineral Refrigeration Oil 150 SUS 5 gal	4303-05: C-3 Mineral Refr. Oil	
P903-0201	Mineral Refrigeration Oil 300 SUS	4304-07: C-4 Mineral Refr. Oil	4GS, WF68, C-4
P903-0205	Mineral Refrigeration Oil 300 SUS 5 gal	4304-05: C-4 Mineral Refr. Oil	N/A
Alkylbenzene (AB) Refrigeration Oils			
P903-2001	Z150 Alkylbenzene	4310-07: Zerol 150	Zerol 150
P903-2005	Z150 Alkylbenzene 5 gal	N/A	N/A
P903-2101	Z200cx Alkylbenzene Copeland Compressor	4308-07: Zerol 200TD	Zerol 200TD
P903-2201	Z300 Alkylbenzene	4311-07: Zerol 300	N/A
Polyol Ester (POE) Refrigeration Oils			
P903-1001	POE68	4316-86: RL 68HB	Castrol Icematic SW 68, Emkarate RL 68HB or RL 68HP
P903-1005	POE68 5 gal	4316-85: RL 68HB	Castrol Icematic SW 68, Emkarate RL 68HB or RL 68HP
P903-1025	POE68 Quart	N/A	N/A
P903-1101	POE32	N/A	N/A
P903-1105	POE32 5 gal	N/A	N/A
P903-1125	POE32 Quart	N/A	N/A
P903-1501	POE100	4317-66: RL 100E	RL100H
P903-1505	POE100 5 gal	N/A	N/A
P903-1525	POE100 Quart	N/A	N/A
P903-1601	POE32 3MAF	4314-66: RL 32-3MAF	3MAF
P903-1625	POE32 3MAF	4314-64: RL 32-3MAF	3MAF
P903-1701	POE68e	4316-46: RL 68H	RL68H
P903-1705	POE68e 5gal	4316-45: RL 68H	N/A
P903-1725	POE68e Quart	4316-44: RL 68H	N/A
P903-1812	POE 32BC Bristol	N/A	N/A
P903-2301	POE220vs	4318-66: RL 220H+	Castrol Icematic SW 220 or SW 220XL
P903-2305	POE220vs 5 gal	4318-65: RL 220H+ or 4318-75: RL 220XL	N/A
P903-2325	POE220vs Quart	N/A	N/A
P903-2401	POE32e	4314-46: RL 32H	RL32H, EAL ARTIC 32
P903-2405	POE32e 5 gal	4314-45: RL 32H	RL32H
P903-2425	POE32e Quart	4314-44: RL 32H	N/A
Polyvinyl Ether (PVE) Refrigeration Oils		N/A	N/A
P903-1925	PVE68 Polyvinyl Ether	4319-24: FVC68D	FCD68
P903-2501	PVE32 Polyvinyl Ether	N/A	N/A
P903-2525	PVE32 Polyvinyl Ether Quart	4319-14: FVC32D	N/A
Vacuum Pump Oil		N/A	N/A
P903-0601	Vacuum Pump Oil	4383-07: Vacuum Pump Oil	Vacuum Pump Oil
P903-0605	Vacuum Pump Oil 5 gal	N/A	N/A
P903-0632	Vacuum Pump Oil Quart Squirt Top	4383-24: Vacuum Pump Oil	Vacuum Pump Oil



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