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A/C Flushes

PREMIUM SOLVENT-BASED FLUSH

Johnsen's A/C Flush is an effective flushing solution that removes debris and sludge from A/C components. The solvency action of Johnsen's A/C flush dissolves deposits, is compatible with R12/R134a A/C systems and contains no CFC's. With Johnsen's A/C flush, flushing has never been more economical and convenient.

Johnsen's lubricant based flush is designed for use with both closed loop flushing machines and pressurized flush guns.

Solvent Based Flush

17-4011S	32 oz.
17-4010S	Gallon



R134a/R12 POLYOL ESTER OIL

Johnsen's Synthetic Polyol Ester Lubricant (POE) is specifically formulated for mobile a/c systems. It's unique chemistry allows it to be used in either R12 or R134a systems. For use in factory fill or retrofit applications. Johnsen's POE is approved by automotive compressor OEM's and is formulated with a proprietary additive package that requires no different handling, safety or disposal precautions than conventional mineral oil. It is compatible with R12 and R134a refrigerant, Neoprene and HNBR o'rings, and XH5, XH7 and XH9 desiccant. Ester oil is fully miscible with conventional refrigerant oils.

Specifications: ISO Grade: 100
 Viscosity @ 100°F(SUS):500
 Viscosity @ 40°C(cSt):100
 Pour Point: -22°F
 Flash Point: 491°F

ESTER OIL	
17-3428	8 oz.
17-3415	12 oz.
17-3426	Quart
17-3424	Gallon

Ester oil - Use when retrofitting system from **R12 to R134a** and residual amounts of mineral oil are left in the system.



R134a PAG OIL

Johnsen's Polyalkylene Glycol Lubricant (PAG) is specifically formulated for R134a mobile a/c systems. PAG oils are more abrasive to the skin than that of Mineral or Ester oils. Special requirements are needed when handling this product. It is compatible with R134a refrigerant only, Neoprene, HNBR, Buna N o'rings, and XH7 and XH9 desiccant. PAG oils and refrigerants are hydroscopic relative to mineral or ester oils and their exposure to air should be minimized in order to avoid excessive water absorption.





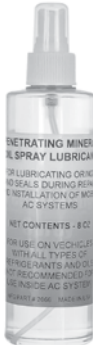




Three different viscosity grades of polyalkylene glycol lubricants formulated for R134a A/C systems are available, they meet or exceed OEM specifications.

T/CCI ISO 100 PAG OIL	
17-3410	8oz
17-3427	32oz

Ford 10PA, FS10 Seltec TM, Scroll ISO 46 PAG OIL	
17-3411	8 oz.
17-3418	Quart
17-3426L	Gallon



Sanden ISO 100 PAG OIL		GMC ISO 150 PAG OIL	
17-3410	8 oz.	17-3412	8 oz.
17-3427	Quart	17-3432	Quart
17-3429	Gallon	17-3426H	Gallon

<p>A/C FLUSHES (continued)</p> <p>R12 REFRIGERANT MINERAL OIL</p> <p>A premium quality wax-free, non-foaming compressor oil for all air conditioning systems using R12 refrigerant ONLY. It is compatible with NBR, Buna N and Buna o'rings and XH5, XH7 and XH9 desiccant.</p> <p>Specifications: ISO Grade: 100 Viscosity @ 100°F(SUS): 525 Viscosity @ 40°C(cSt): 110 Pour Point: -10°F Flash Point: 360°F</p> <p>17-3000 Quart</p> 		<p>DIPSTICKS</p>   <p>15-3023 Dipstick - T/CCI, York Style oil level checker</p> <p>15-3084 Dipstick -Sanden oil level checker</p>			
<p>VACUUM PUMP OIL</p>  <p>17-3082 Quart 17-3083 Gallon</p> <p>Vacuum Pump Oil - promotes internal sealing for good vacuum and absorbs unwanted vapor from evacuated units. Regular oil changes promote longer vacuum pump life.</p>		<p>LUBE and SEAL</p>  <p>17-3401A 8 oz. Pump Spray Bottle</p> <p>A/C Lube and Seal - A premium mineral lubricant specially formulated for use with all a/c systems. A convenient aerosol spray lubricates and seals parts such as o'rings, fittings, compressor shaft seals, and gaskets to assure a safe reliable seal.</p>		<p>OIL CHARGE</p>  <p>17-3404H 4 oz. PAG 150</p> <p>PAG Oil Charge - a quick and easy way to add premium lubricant to an A/C system without having to discharge the refrigerant.</p>	
<p>OIL CHARGE</p>  <p>17-3406 4 oz. 17-3440 12 oz.</p> <p>Polyol Ester Oil Charge - a quick and easy way to add premium lubricant to an A/C system without having to discharge the refrigerant.</p>		<p>PAG 100 OIL - SP15 O.E.</p>  <p>17-3422 8.45 oz. 100 visc.</p> <p>SANDEN R134a PAG SP15 OIL - use when servicing Sanden Compressors in systems that are charged with R134a. For use with SD 508, 510, 709, 5H14, 7H15 Compressors. SP15 replaces SP20</p>		<p>R134a LEAK STOP</p>  <p>17-3442 4 oz. Aerosol 17-3442A 4 oz. Bottle</p> <p>Johnsen's Leak Stop - Detects and helps to seal most common leaks in R134a A/C systems.</p>	

FLUORESCENT DYE CLEANER/REMOVER

TRACER DYE

17-50648 oz. (spray bottle)

Tracerline™ Glo-Away Dye Cleaner
Removes all traces of dye from repaired leak sites so repairs can be verified. Water based, nontoxic, nonflammable, non-carcogenic, biodegradable. Safe on plastic, rubber and metals.



17-50798oz. (squeeze bottle)

Tracerline™ Dye-Lite All-In-One Tracer Dye
For gasoline, diesel engine oils, fuel; a/trans., power steering, hydraulic and lubrication fluids.

REPLACEMENT DYES

UNIVERSAL DYE

MASTERCOOL™ REPLACEMENT DYES
For P/N's #16-5025A, #16-5059A / #16-5080 INJECTORS

For use with #16-5059A and #16-5080 only



For use with #16-5025A only



17-5087 12 c.c. bottle
R12/R134a Dye Cartridge
One bottle provides 10 appl. use 1oz. per application.

17-508825 c.c. bottle
R12/R134a Dye Cartridge
One bottle provides 25 appl. use 1oz. per application.



17-50908oz. (squeeze bottle)

Universal UV Dye For all A/C applications

LEAK FINDER

REFRIGERANT SEALANT R134A

BIG BLU™ LEAK FINDER

Micro Leak Detector Spray Coating
• The only bubble/foam indicator capable of detecting gas leakage down to 0.65 oz. per year.
• Works Like Magic
A Must for Every Shop!



17-5200 16 oz. (spray bottle)
17-5201 128 oz. (gallon refill)

17-520630ml. / 1 oz.

Nylog™ Refrigerant Sealant
The first and only non-contaminating, 100% compatible gasket & o-ring sealant and assembly lube. What the A/C industry has needed for a long time! Use with R134a, HCFC systems.



A/C Lubricant Enhancer



Typical truck installation (one evaporator)
Use 1.5 oz. / with sleeper unit 2 oz. (recommended)

- Cold Air Faster
- Reduces Interior Humidity
- Extends Compressor Life
- Increases Heat Transfer Efficiencies
- Works Year-Round



17-5091
Pressurized Can 3 oz.
(2 oz. of ICE³² Lubricant Enhancer and 1 oz. of R134a)



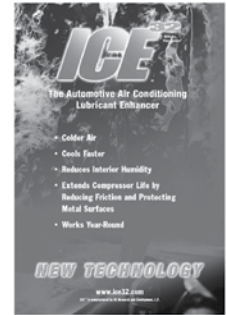
17-5093
Bottle, non-pressurized 1.5 oz.
(ICE³² Lubricant Enhancer)



16-5091
Aerosol Can Installation Kit
Kit includes: Can Tap, Fittings, Gauge, Injector Hose, and Instructions.



16-5092
Manual Injector Kit
Fast, Easy and Simple!
Connect injector to the low side service port of the A/C system. (use #17-5091)



16-5093
Start Up Kit
Kit includes:
All Season consumer brochures sm. (25/pk), Counter Display, Pocket Brochure, Poster, and Window Decal.