

TRACERLINE®



PROFESSIONAL OEM-INSTALLED

UV DYES

FOR LEAK DETECTION

TRUSTED & INSTALLED IN OVER 350M+ VEHICLES

Jeep



FIAT



HYUNDAI



CATERPILLAR®



Engineered
for EV, Hybrid
& Next-Gen
Systems



ISO 9001:2015
CERTIFIED COMPANY

TRACER PRODUCTS

TRACER PRODUCTS

THE MOST TRUSTED NAME IN AUTOMOTIVE LEAK DETECTION

PINPOINT THE EXACT SOURCE OF ALL THESE LEAKS IN EVERY SYSTEM



Oil



Air Conditioning



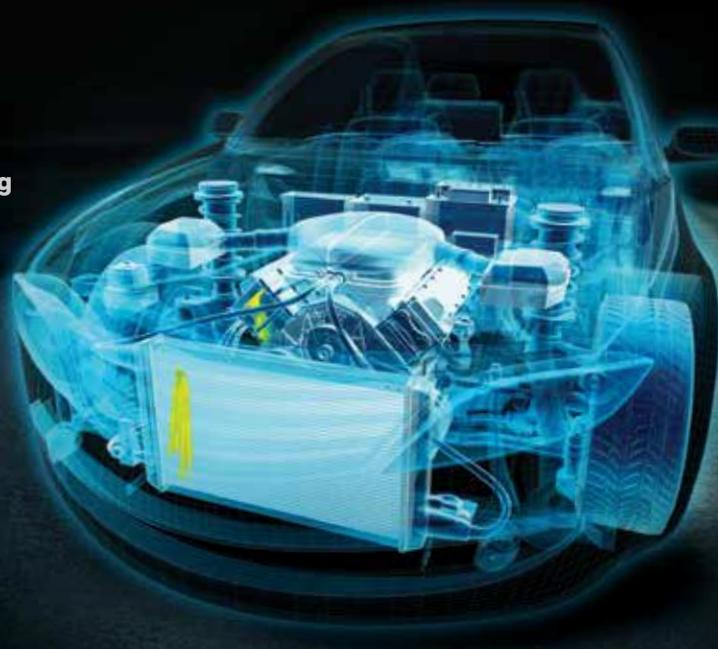
Coolant



Power Steering Fluid



Wind & Water



Fuel



Tire Leaks



Vacuum



Automatic Transmission Fluid



Compressed Air Leaks



EV/Hybrid Systems

Hybrid Systems

R-1234yf Systems

R-134a Systems

Oil-Based Fluid Systems

Coolant Systems

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CELEBRATING 70 YEARS OF LEAK DETECTION EXPERIENCE

Since 1955, Tracer Products has led the industry as inventors of ultraviolet fluorescent leak detection.

For seven decades, we've engineered premium performance dyes and products, setting the standard for quality and innovation.

Our family-owned company, now in its 3rd generation, continues to deliver award-winning service and the most powerful leak detection solutions.

Major **OEMs** worldwide trust Tracerline, with over **350 million vehicles** using our dyes for quality assurance.



05

POE-BASED EV A/C DYES



Discover our comprehensive solutions for maintaining EV and hybrid vehicles.



16

LEAK DETECTION FLASHLIGHTS

Illuminate all fluid leak sources with precision and power, see our full line of lamps.



THE ONLY DYE INSTALLED ON THE ASSEMBLY LINE.



OEM INSTALLATION

The only UV dye approved by OEMs for use on the assembly line to ensure quality



01

OES / DEALERSHIP MAINTENANCE

UV dye safely remains in the system for preventative maintenance and future leak detection



02



03



04

TRUSTED LEAK DETECTION

From assembly to regular maintenance, OEMs trust Tracerline

FULLY COMPATIBLE

Co-solvent free and does not affect system viscosity or lubricity

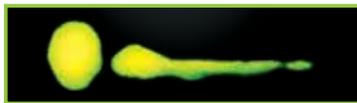


06



05

TRACER® DYES
GLOW BRIGHTER
THAN THE
COMPETITION.



FLUORO-LITE® 5 DYE FORMULA



COMPETITOR DYE FORMULA

Shown under 400 nm light with amber glasses



SAE COMPLIANT

Tested to meet all standards for A/C fluorescent leak detection

NEW BENCHMARKS FOR EV A/C LEAK DETECTION

PROVEN LEAK DETECTION ENGINEERED FOR TOMORROW

The automotive industry is rapidly shifting to electric vehicles (EVs), spanning various models from sedans to commercial transport. This change demands specialized diagnostic tools for technicians.

Tracer Products meets this need with OEM-grade A/C dyes compatible with EV compressor oils. Their UV dye, formulated with high-dielectric properties, resists electrical conductivity, ensuring safety and effectiveness in EV systems.

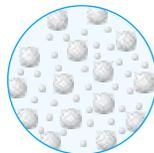
Technicians can trust Tracerline brand UV dye to maintain system properties in electrically-driven compressors, providing confidence when servicing the new generation of EVs.



DESIGNED WITH DIELECTRIC PROPERTIES TO ENSURE SAFETY & COMPATIBILITY



Specially formulated according to **OEM specifications** and approved host oil



Concentrated formula does not affect the system properties



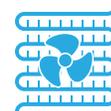
Each cartridge is **individually sealed** to protect against moisture



High-dielectric properties to maintain system resistivity



Designed for systems that contain **smaller oil charges**



Compatible with **R-134a & R-1234yf** systems

EV & HYBRID A/C DYE

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE



NEXT-GEN Dyes

Electrically-driven A/C compressors require compatible leak detection dyes



Tested Extensively

Tracer Products manufactures electric and hybrid fluorescent dyes with OEM-grade A/C oil



Completely Compatible

Safe for use in EV/Hybrid A/C systems. Compatible with R-1234yf & R-134a refrigerants and POE, PAG, and Ester oils.



SCAN TO
LEARN MORE



EV POE-Based **NEW!** Mini-EZ™ A/C Leak Detection Kit

Professional-grade kit for leak detection in POE-based hybrid and EV A/C systems. Includes UV dye optimized for high-voltage compressors and premium tools for fast, accurate service.



SERVICES
UP TO
3

TPOPUV20EV*

- ▶ TPOPUV OPTI-PRO™ cordless violet LED flashlight
- ▶ TP9815EV-P3* (3) 0.25 oz (7 ml) Mini-EZ™ EV/POE dye cartridges (up to 3 vehicles)
- ▶ TP9845 EZ-Ject™ dye injector assembly
- ▶ TP9813 R-134a coupler (EV/Hybrid)
- ▶ TP28 R-1234yf coupler (EV/Hybrid)
- ▶ TP19 2 oz (60 ml) GLO-AWAY™ Plus cleaner



EV POE-Based **NEW!** Mini-EZ™ A/C Injection Kit

Fast and economical way to add leak detection dye to an electric vehicle's A/C system

Product No.	Description
TP9815EV-P3*	(3) 0.25 oz (7 ml) Mini-EZ™ EV/POE dye cartridges (up to 3 vehicles)
TP9815EV-P12*	(12) 0.25 oz (7 ml) Mini-EZ™ EV/POE dye cartridges (up to 12 vehicles)
TP9814EV-BX*	<ul style="list-style-type: none"> ▶ TP9815EV-P3 (3) 0.25 oz (7 ml) Mini-EZ™ EV/POE dye cartridges ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9813 R-134a coupler (EV/Hybrid) ▶ TP28 R-1234yf coupler (EV/Hybrid)



SERVICES
UP TO
3

***Compatible with Hybrid Vehicles**

EV POE-Based A/C Oil **NEW!**

Product No.	Description
TP100EV-5*	5 oz (148 ml) foil pouch Viscosity: 84 cSt



EV POE-Based A/C Oil + UV Dye **NEW!**

Product No.	Description
TP100EVD-5*	5 oz (148 ml) foil pouch Viscosity: 84 cSt



EV PAG-Based Mini-EZ™ A/C Injection Kit **NEW!**

Designed to meet manufacturer specifications for PAG compressors

Product No.	Description
TP9816EV-P3*	(3) 0.25 oz (7 ml) Mini-EZ™ EV/PAG dye cartridges (up to 3 vehicles)
TP9816EV-P12*	(12) 0.25 oz (7 ml) Mini-EZ™ EV/PAG dye cartridges (up to 12 vehicles)
TP9817EV-BX*	<ul style="list-style-type: none"> ▶ TP9816EV-P3 (3) 0.25 oz (7 ml) Mini-EZ™ EV/PAG dye cartridges (up to 3 vehicles) ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9813 R-134a coupler (EV/Hybrid) ▶ TP28 R-1234yf coupler (EV/Hybrid)



Hybrid Vehicle/Ester Mini-EZ™ A/C Injection Kit

Uniquely blended with special additives for hybrid A/C systems

Product No.	Description
TP9811-P3	▶ (3) 0.25 oz (7 ml) Mini-EZ™ Hybrid/Ester dye cartridges (up to 3 vehicles)
TP9812-BX	<ul style="list-style-type: none"> ▶ TP9811-P3 (3) 0.25 oz (7 ml) Mini-EZ™ Hybrid/Ester dye cartridges (up to 3 vehicles) ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9813 R-134a coupler (EV/Hybrid) ▶ TP28 R-1234yf coupler (EV/Hybrid)



Hybrid Vehicle/Ester A/C Oil

Product No.	Description
TP32EH-5	5 oz (148 ml) foil pouch Viscosity: 32 cSt/Ester



Hybrid Vehicle/Ester A/C Oil + UV Dye

Product No.	Description
TP32EHD-5	5 oz (148 ml) foil pouch Viscosity: 32 cSt/Ester



*Compatible with Hybrid Vehicles

R-1234yf/PAG A/C DYE

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

R-1234yf has become the preferred refrigerant among new vehicle manufacturers today. These systems require a smaller refrigerant charge and have a much lower impact on the environment.

Since R-1234yf is more expensive to manufacture, even the smallest A/C leaks can be costly to fix.

THE MAJORITY OF COMPRESSOR FAILURES CAN BE ATTRIBUTED TO COMPROMISED A/C SYSTEMS.

Featured Kit

See page 18 for full line of kits offered.



TPOPUV19

R-1234yf/PAG-Based Fluoro-Lite® 5 A/C Dye

REFILLABLE INJECTORS

For R-1234yf/PAG vehicle air conditioning systems. Use a Tracerline dye injector to add bottled dye into the A/C system.

MEETS **SAE** J2297 **BRIGHTER** DYE PERFORMANCE

Product No.	Description
TP3825-P12	(12) 0.25 oz (7 ml) R-1234yf/PAG bottles (up to 12 vehicles)
TP3825-1P6	(6) 1 oz (30 ml) R-1234yf/PAG bottles (up to 24 vehicles)
TP3825-8	8 oz (237 ml) R-1234yf/PAG bottle (up to 32 vehicles)
TP9883-BX	Inline Injector (R-1234yf) 2 oz (60 ml) capacity
TP9884-BX	Syringe Injector (R-1234yf) 1 oz (30 ml) capacity



INLINE INJECTOR

TP9883-BX



SYRINGE INJECTOR

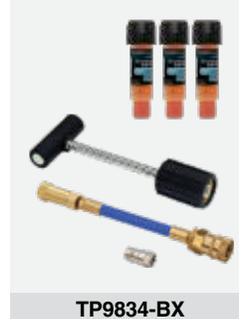
TP9884-BX



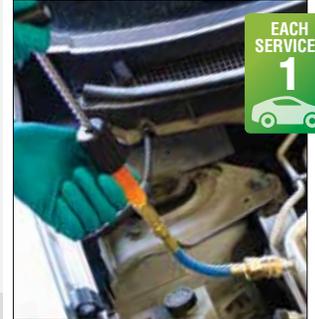
R-1234yf/PAG-Based Mini-EZ™ A/C Dye System

SINGLE, BILLABLE DOSING

- ▶ 0.25 oz (7 ml) cartridge
- ▶ Single-dose, services 1 vehicle



TP9834-BX



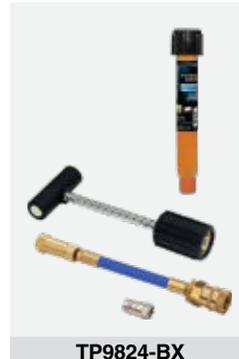
EACH SERVICES UP TO 1

Product No.	Description
TP9835-P3	(3) Mini-EZ™ R-1234yf/PAG cartridges
TP9834-BX	Mini-EZ™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9835-P3 (3) Mini-EZ™ R-1234yf/PAG cartridges ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP10 R-1234yf hose/coupler & purge fitting

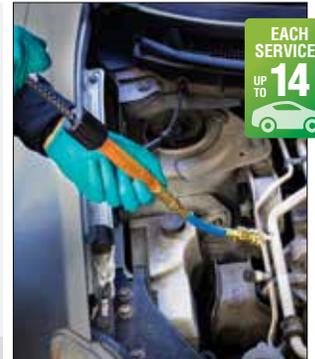
R-1234yf/PAG-Based EZ-Ject™ A/C Dye System

MULTI-DOSE

- ▶ 0.5 oz (15 ml) cartridge
- ▶ Multi-dose, services up to 14 vehicles



TP9824-BX



EACH SERVICES UP TO 14

Product No.	Description
TP9825-P3	(3) EZ-Ject™ R-1234yf/PAG cartridges
TP9824-BX	EZ-Ject™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9825 EZ-Ject™ R-1234yf/PAG cartridge ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP10 R-1234yf hose/coupler & purge fitting

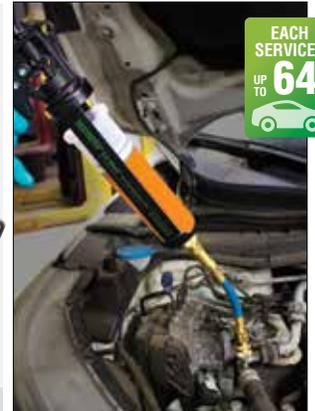
R-1234yf/PAG-Based BigEZ™ A/C Dye System

HIGH-VOLUME DOSING

- ▶ 8 oz (237 ml) cartridge
- ▶ Multi-dose, services up to 64 vehicles



TP9792-BX



EACH SERVICES UP TO 64

Product No.	Description
TP9725-8	8 oz (237 ml) BigEZ™ R-1234yf/PAG cartridge
TP9792-BX	EZ-Shot™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9725-8 BigEZ™ R-1234yf/PAG cartridge ▶ TP9749 EZ-Shot™ caulking gun-style dye injector assembly ▶ TP12 R-1234yf hose/coupler with BigEZ™ adapter & purge fitting

Recommended Dye Dosage:

	Product No.	Standard Dosage
Fluoro-Lite® 5 Bottled Dye	TP3825	0.25 oz (7 ml)Ⓢ per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
Mini-EZ™ Cartridge	TP9835	0.25 oz (7 ml) per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9825	0.035 oz (1 ml)Ⓢ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant
BigEZ™ Cartridge	TP9725	0.125 oz (3.7 ml)Ⓢ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

ⓈEquivalent to 1 line on bottle/cartridge

R-134a/PAG A/C DYE

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

Aging R-134a A/C systems will develop leaks over time. Most of these leaks are caused by deteriorating fittings, joints, seals, and hose connections.

Road debris - such as rocks and asphalt - can also compromise A/C systems

**REFRIGERANT
LEAKS ARE CAUSED
BY BROKEN OR
DETERIORATING
SEALS.**

Featured Kits

See **page 18** for full line of kits offered.



TP0PUV17



TP0PUV16

R-134a/PAG-Based Fluoro-Lite® 5 A/C Dye

REFILLABLE INJECTORS

For R-134a/PAG vehicle air conditioning systems. Use a Tracerline dye injector to add bottled dye into the A/C system.

MEETS
SAE
J2297
BRIGHTER
DYE
PERFORMANCE

Product No.	Description
TP3820-P12	(12) 0.25 oz (7 ml) R-134a/PAG bottles (up to 12 vehicles)
TP3820-1P6	(6) 1 oz (30 ml) R-134a/PAG bottles (up to 24 vehicles)
TP3820-8	8 oz (237 ml) R-134a/PAG bottle (up to 32 vehicles)
TP9882-BX	Inline Injector (R-1234yf) 2 oz (60 ml) capacity
TP9881-BX	Syringe Injector (R-1234yf) 1 oz (30 ml) capacity



**INLINE
INJECTOR**

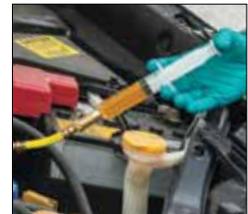


TP9883-BX

**SYRINGE
INJECTOR**



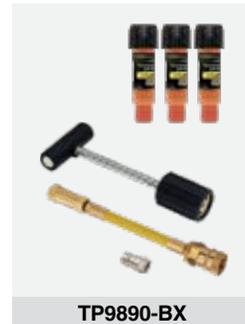
TP9884-BX



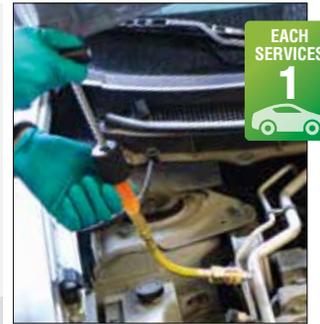
R-134a/PAG-Based Mini-EZ™ A/C Dye System

SINGLE, BILLABLE DOSING

- ▶ 0.25 oz (7 ml) cartridge
- ▶ Single-dose, services **1 vehicle**



TP9890-BX



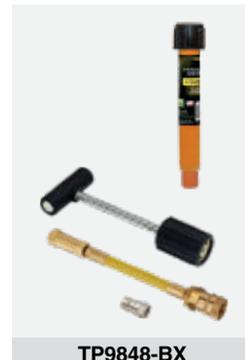
EACH SERVICES
UP TO
1

Product No.	Description
TP9865-P6	(6) Mini-EZ™ R-134a/PAG cartridges
TP9890-BX	Mini-EZ™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9865 (3) Mini-EZ™ R-134a/PAG cartridges ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9847 R-134a hose/coupler & purge fitting

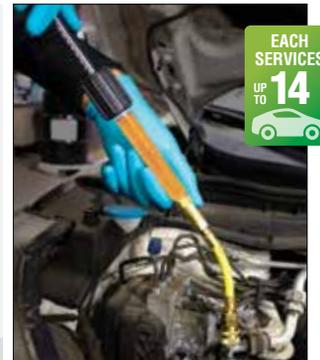
R-134a/PAG-Based EZ-Ject™ A/C Dye System

MULTI-DOSE

- ▶ 0.5 oz (15 ml) cartridge
- ▶ Multi-dose, services up to **14 vehicles**



TP9848-BX



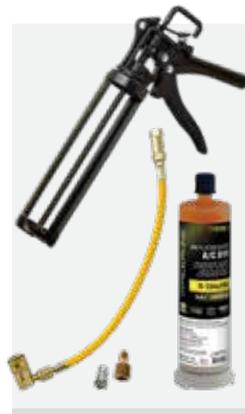
EACH SERVICES
UP TO
14

Product No.	Description
TP9860-P6	(6) EZ-Ject™ R-134a/PAG cartridges
TP9848-BX	EZ-Ject™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9860 EZ-Ject™ R-134a/PAG cartridge ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9847 R-134a hose/coupler & purge fitting

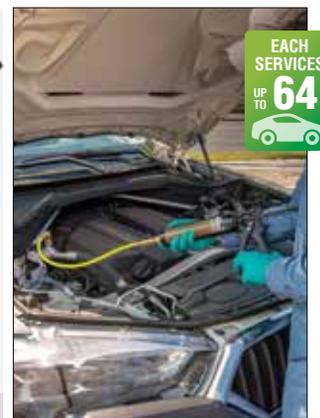
R-134a/PAG-Based BigEZ™ A/C Dye System

HIGH-VOLUME DOSING

- ▶ 8 oz (237 ml) cartridge
- ▶ Multi-dose, services up to **64 vehicles**



TP9793-BX



EACH SERVICES
UP TO
64

Product No.	Description
TP9760-8	8 oz (237 ml) BigEZ™ R-134a/PAG cartridge
TP9793-BX	EZ-Shot™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9760-8 BigEZ™ R-134a/PAG cartridge ▶ TP9749 EZ-Shot™ caulking gun-style dye injector assembly ▶ TP9747 18 in (46 cm) R-134a hose/coupler with BigEZ™ adapter & purge fitting

Recommended Dye Dosage:

	Product No.	Standard Dosage
Fluoro-Lite® 5 Bottled Dye	TP3820	0.25 oz (7 ml)Ⓢ per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
Mini-EZ™ Cartridge	TP9865	0.25 oz (7 ml) per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9860	0.035 oz (1 ml)Ⓢ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant
BigEZ™ Cartridge	TP9760	0.125 oz (3.7 ml)Ⓢ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

ⓈEquivalent to 1 line on bottle/cartridge

UNIVERSAL/ESTER A/C DYE



CO-SOLVENT
FREE

CAUTION: Not for use in hybrid/electric vehicles with electrically driven A/C compressors

Tracerline Universal/Ester dyes are designed to be compatible with all widely used refrigerants for automotive A/C systems.

Tracerline dyes can remain safely within the system. That means once the repair is made, the dye can be used as part of a preventative maintenance program.

TRACERLINE'S UV DYES ARE CONCENTRATED, SAFE TO USE, AND THEY WILL NOT AFFECT THE VEHICLE SYSTEM'S CHEMICAL OR OPERATIONAL PROPERTIES.

Featured Kits

See **page 18** for full line of kits offered.



TP0PUV17



TP0PUV16

Universal/Ester-Based Fluoro-Lite® 5 A/C Dye

REFILLABLE INJECTORS

For all vehicle air conditioning systems. Use a Tracerline dye injector to add bottled dye into the A/C system.

Product No.	Description
TP3840-P12	(12) 0.25 oz (7 ml) universal/ester bottles (up to 12 vehicles)
TP3840-1P6	(6) 1 oz (30 ml) universal/ester bottles (up to 24 vehicles)
TP3840-8	8 oz (237 ml) universal/ester bottle (up to 32 vehicles)
TP9882-BX	Inline Injector (R-1234yf) 2 oz (60 ml) capacity
TP9881-BX	Syringe Injector (R-1234yf) 1 oz (30 ml) capacity

NOTE: R-1234yf systems require TP9831 adapter (SOLD SEPARATELY)



INLINE INJECTOR



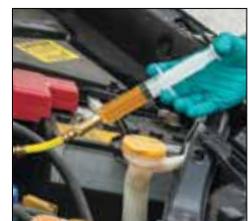
TP9883-BX



SYRINGE INJECTOR



TP9884-BX



Universal/Ester-Based Mini-EZ™ A/C Dye System

SINGLE, BILLABLE DOSING

- ▶ 0.25 oz (7 ml) cartridge
- ▶ Single-dose, services 1 vehicle



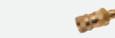
COMPATIBLE WITH:



TP9845



TP9847



TP9831



EACH SERVICES
1

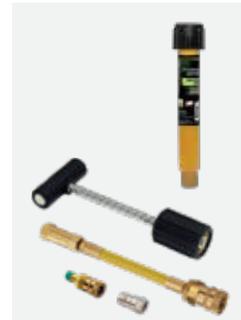
Product No.	Description
TP9875-P6	(6) Mini-EZ™ universal/ester cartridges

NOTE: R-1234yf systems require TP9831 adapter
(SOLD SEPARATELY)

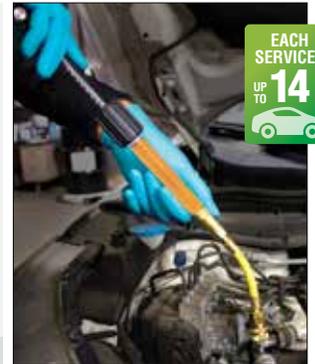
Universal/Ester-Based EZ-Ject™ A/C Dye System

MULTI-DOSE

- ▶ 0.5 oz (15 ml) cartridge
- ▶ Multi-dose, services up to 14 vehicles
- ▶ Treats R-134a and R-1234yf systems



TP9841-BX



EACH SERVICES
UP TO
14

Product No.	Description
TP9870-P6	(6) EZ-Ject™ universal/ester cartridges
TP9841-BX	EZ-Ject™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9870 EZ-Ject™ universal/ester cartridge ▶ TP9845 EZ-Ject™ dye injector assembly ▶ TP9847 R-134a hose/coupler & purge fitting ▶ TP9831 R-1234yf adapter

Universal/Ester-Based BigEZ™ A/C Dye System

HIGH-VOLUME DOSING

- ▶ 8 oz (237 ml) cartridge
- ▶ Multi-dose, services up to 64 vehicles
- ▶ Treats R-134a and R-1234yf systems



TP9790-BX



EACH SERVICES
UP TO
64

Product No.	Description
TP9770-8	8 oz (237 ml) BigEZ™ universal/ester cartridge
TP9790-BX	EZ-Shot™ Dye Injection Kit: <ul style="list-style-type: none"> ▶ TP9770-8 BigEZ™ universal/ester cartridge ▶ TP9749 EZ-Shot™ caulking gun-style dye injector assembly ▶ TP9747 18 in (46 cm) R-134a hose/coupler with BigEZ™ adapter & purge fitting ▶ TP9831 R-1234yf adapter

Recommended Dye Dosage:

	Product No.	Standard Dosage
Fluoro-Lite® 5 Bottled Dye	TP3840	0.25 oz (7 ml)Ⓛ per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
Mini-EZ™ Cartridge	TP9875	0.25 oz (7 ml) per 5 lbs (2 kg) of refrigerant or 10 oz (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9870	0.035 oz (1 ml)Ⓛ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant
BigEZ™ Cartridge	TP9770	0.125 oz (3.7 ml)Ⓛ per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

ⓁEquivalent to 1 line on bottle/cartridge

A/C OIL & DYED OIL

5 oz (148 ml) foil pouch

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

EV POE-Based A/C Oil NEW!



EV POE-Based A/C Oil + UV Dye NEW!



Product No.	Description
TP100EV-5	Viscosity: 84 cSt

Compatible with R-1234yf & R-134a



Product No.	Description
TP100EVD-5	Viscosity: 84 cSt

Compatible with R-1234yf & R-134a



Hybrid Vehicle/Ester A/C Oil



Hybrid Vehicle/Ester A/C Oil + UV Dye



Product No.	Description
TP32EH-5	Viscosity: 32 cSt/Ester

Compatible with R-1234yf & R-134a



Product No.	Description
TP32EHD-5	Viscosity: 32 cSt/Ester

Compatible with R-1234yf & R-134a



R-1234yf/PAG-Based A/C Oil



R-1234yf/PAG-Based A/C Oil + UV Dye



Product No.	Description
TP42P-5	Viscosity: 42 cSt/PAG

Compatible with R-1234yf & R-134a



Product No.	Description
TP42PD-5	Viscosity: 42 cSt/PAG

Compatible with R-1234yf & R-134a



2 oz (60 ml) Refillable Oil/UV Dye Injector NEW!

TP27

- ▶ Includes R-134a/R-1234yf couplers & purge fitting
- ▶ Inject oil/UV dye into both R-134a & R-1234yf systems
- ▶ For use with Tracerline high-quality compressor oils and UV dyes



Perfect for re-manufacturing & preventative maintenance

R-134a/PAG-Based A/C Oil + UV Dye

Product No.	Description
TP46PD-5	Viscosity: 46 cSt/PAG
TP100PD-5	Viscosity: 100 cSt/PAG
TP150PD-5	Viscosity: 150 cSt/PAG

CAUTION: Designed for R-134a systems only. Not compatible with R-1234yf vehicles.



Universal/Ester-Based A/C Oil + UV Dye

Product No.	Description
TP100ED-5	Viscosity: 100 cSt/ Ester

CAUTION: For use in R-134a, PAG, and mineral oil systems. Not for use in hybrid/ electric A/C systems or R-1234yf.



COOLANT UV DYES

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

RITE-BLEND™ Universal Coolant UV Dye



- ▶ Compatible with conventional & extended-life coolants
- ▶ OEM-grade formula won't alter coolant color
- ▶ Fluoresces yellow-green
- ▶ Dosage: **1 oz (30 ml) per 6 gal (23 L)**



Product No.	Description
TP-3940-0601	(6) 1 oz (30 ml) bottles, services up to 6 vehicles

See price list for all available dye sizes.

Standard Coolant UV Dye



- ▶ Compatible with all conventional coolants
- ▶ Fluoresces yellow-green
- ▶ Dosage: **1 oz (30 ml) per 6 gal (23 L)**



NOTE: May alter the original color of the coolant

Product No.	Description
TP-3900-0601	(6) 1 oz (30 ml) bottles, services up to 6 vehicles

See price list for all available dye sizes.

OIL-BASED UV DYES

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

Universal Oil-Based UV Dye

- ▶ Patented, full-spectrum formulation
- ▶ Works with all leak detection flashlights
- ▶ Fluoresces yellow-green



Product No.	Description
TP3400-1P6	(6) 1 oz (30 ml) bottles (up to 6 vehicles)
TP3400-1P24	(24) 1 oz (30 ml) bottles (up to 24 vehicles)
TP3400-8	8 oz (237 ml) bottle (up to 8 vehicles)



See price list for all available dye sizes.

For all circulating oil-based fluid systems

Fluid Applications Suggested Dosage	
Engine Oil	(includes Synthetics)
Gasoline	1 oz (30 ml) per 4-6 qt (4-6 L)
Diesel	1 oz (30 ml) per 4 qt (4 L)
Power Steering	1 oz (30 ml) per 4 qt (4 L)
Automatic Transmission	1 oz (30 ml) per 6 qt (6 L)
Fuel (Gasoline + Diesel)	1 oz (30 ml) per 6-9 gal (23-34 L)
Hydraulics*	(Synthetic- or Petroleum-Based)
Light-to-Medium Colored	1 oz (30 ml) per 2-3 gal (7.5-11 L)
Very Dark or Intensely Blue	1 oz (30 ml) per 2-3 qt (2-3 L)

*Not for use in brake systems

Universal Oil-Based MULTI-COLOR UV Dye

- ▶ Color-coded dyes simplify leak detection across systems
- ▶ Works with all leak detection flashlights
- ▶ Effective even in dirty or dark diesel



Product No.	Description
TP3320	1 oz (30 ml) bottle, white (1 vehicle)
TP3340	1 oz (30 ml) bottle, blue (1 vehicle)
TP-3380	1 oz (30 ml) bottle, yellow , (1 vehicle)



See price list for all available dye sizes.

For all circulating oil-based fluid systems

Fluid Applications Suggested Dosage	
Engine Oil	(includes Synthetics)
Gasoline	1 oz (30 ml) per 8-12 qt (8-12 L)
Diesel	1 oz (30 ml) per 8 qt (8 L)
Power Steering	1 oz (30 ml) per 8 qt (8 L)
Automatic Transmission	1 oz (30 ml) per 12 qt (12 L)
Fuel (Gasoline + Diesel)	1 oz (30 ml) per 12-18 gal (45-68 L)
Hydraulics*	(Synthetic- or Petroleum-Based)
Light-to-Medium Colored	1 oz (30 ml) per 8 gal (30 L)
Very Dark or Intensely Blue	1 oz (30 ml) per 4 gal (15 L)

*Not for use in brake systems

VIOLET LED FLASHLIGHT | OPTI-PRO™ UV MAX



**OPTI-PRO™ UV MAX R
TPOPUVMR**

- ▶ Rechargeable with 35 ft spot beam range for wide system scans
- ▶ Ideal for frequent use

LAMP SPECIFICATIONS

Run Time	5+ hours <i>(depending on power mode and usage)</i>
Charge Time	5 hours

- 35 ft (10.5 m) RANGE
- USB RECHARGEABLE LI-ION BATTERY
- POWERFUL BEAM
- ADJUSTABLE FOCUS LENS
- HIGH/LOW LIGHT
- STROBE LIGHT



**OPTI-PRO™ UV MAX
TPOPUVM**

- ▶ Battery-powered with 30 ft spot beam for quick inspections
- ▶ Perfect for portable, on-demand leak detection in tight spaces

LAMP SPECIFICATIONS

Run Time	5 hours <i>(depending on power mode and usage)</i>
-----------------	---

- 30 ft (9 m) RANGE
- 3 AA BATTERIES INCLUDED
- POWERFUL BEAM
- ADJUSTABLE FOCUS LENS
- HIGH/LOW LIGHT
- STROBE LIGHT



MAX POWER

SPOT POWER BEAM PROFILE
POWERFUL COVERAGE



VIOLET LED FLASHLIGHT | OPTI-PRO™ UV

STROBE LIGHT:
Enhances dye contrast to reveal multiple leaks at once, helps spot leaks across the system more easily.



DETECT MULTIPLE LEAKS AT ONCE

ADJUSTABLE FOCUS LENS:
Switch between narrow beam for pinpoint leaks and wide beam to scan larger areas and reduce glare.



HELPS TO REDUCE BRIGHT REFLECTIONS

WIDE BEAM NARROW BEAM



OPTI-PRO™ UV PLUS TPOPUV

- ▶ Rechargeable with 25 ft range and high-output beam
- ▶ Combines portability with extended-use efficiency

LAMP SPECIFICATIONS

Run Time	5+ hours <i>(depending on power mode and usage)</i>
Charge Time	5 hours

- 25 ft (7.5 m) RANGE
- USB RECHARGEABLE LI-ION BATTERY
- ADJUSTABLE FOCUS LENS
- HIGH/LOW LIGHT
- STROBE LIGHT



TP9940 – Fluorescence-enhancing glasses help to reduce glare and enhance leak detection results. Protect your eyes from glare, debris, and fluid.



OPTI-PRO™ UV TPOUV

- ▶ Compact, battery-powered with 20 ft beam range
- ▶ Reliable entry-level lamp for basic leak detection

LAMP SPECIFICATIONS

Run Time	4 hours
----------	---------

- 20 ft (6 m) RANGE
- 3 AAA BATTERIES INCLUDED
- ADJUSTABLE FOCUS LENS



UV LED FLASHLIGHT

LeakTracker™ MINI UV LED FLASHLIGHT TPLTM

Rugged, compact UV flashlight designed to illuminate all UV dyes, even in the dirtiest diesel oil.

LAMP SPECIFICATIONS

Light Source	UV LED
Range	Up to 25 ft (8 m)
Battery	3 AAA (included)
Run Time	6 hours (continuous)
Glasses	UV-absorbing

- FLUORESCES ALL DYES
- 25 FT (8 m) RANGE
- UV LED
- IP68 RATED
- 6 HOUR RUNTIME
- 3 AAA BATTERIES INCLUDED

NOTE: TPLTM replaces TP-8695



Scan all fluid systems in one service call with the TPLTM leak detection flashlight.

EV/HYBRID

oem GRADE BRIGHTER DYE PERFORMANCE CO-SOLVENT FREE **A/C SERVICE KIT**

EV POE-Based NEW! Mini-EZ™ A/C Leak Detection Kit

Professional-grade kit for leak detection in POE-based hybrid and EV A/C systems. Includes UV dye optimized for high-voltage compressors and premium tools for fast, accurate service.

TPOPUV20EV*

- ▶ **TPOPUV** OPTI-PRO™ cordless violet LED flashlight
- ▶ **TP9815EV-P3*** (3) 0.25 oz (7 ml) Mini-EZ™ EV/POE dye cartridges (up to 3 vehicles)
- ▶ **TP9845** EZ-Ject™ dye injector assembly
- ▶ **TP9813** R-134a coupler (EV/Hybrid)
- ▶ **TP28** R-1234yf coupler (EV/Hybrid)
- ▶ **TP19** 2 oz (60 ml) GLO-AWAY™ Plus cleaner

**Compatible with Hybrid Vehicles*



VIOLET LIGHT LED UP TO 20 ft (6 m) Inspection Range 3x AAA Batteries Included Fluorescence Enhancing GLO-AWAY™ Plus + Underhood Labels SERVICES UP TO 3

R-1234yf/PAG

oem GRADE BRIGHTER DYE PERFORMANCE CO-SOLVENT FREE **A/C SERVICE KIT**

R-1234yf/PAG-Based Mini-EZ™ A/C Leak Detection Kit

Compact, OEM-grade kit designed for R-1234yf systems. Delivers solvent-free, component-safe leak detection with everything needed in one simple setup.

TPOPUV19

- ▶ **TPOPUV** OPTI-PRO™ UV cordless, violet light LED flashlight
- ▶ **TP9835-P3** (3) 0.25 oz (7 ml) Mini-EZ™ A/C UV dye (up to 3 vehicles)
- ▶ **TP9845** EZ-Ject™ dye injector assembly
- ▶ **TP10** R-1234yf hose/coupler & purge fitting
- ▶ **TP19** 2 oz (60 ml) GLO-AWAY™ Plus cleaner



VIOLET LIGHT LED UP TO 20 ft (6 m) Inspection Range 3x AAA Batteries Included Fluorescence Enhancing GLO-AWAY™ Plus + Underhood Labels R-1234yf Hose SERVICES UP TO 3 A/C SYSTEMS

UNIVERSAL/ESTER

oem GRADE BRIGHTER DYE PERFORMANCE CO-SOLVENT FREE **COMPLETE SERVICE KIT**

Universal/Ester-Based Complete EZ-Ject™ Multi-System Kit

Full-spectrum kit for servicing R-134a, R-1234yf, oil-based, and coolant systems. Covers A/C, oil, and fluid leaks in up to 14 vehicles with universal dyes and adapters.

TPOPUV17

- ▶ **TPOPUV** OPTI-PRO™ UV cordless, violet light LED flashlight
- ▶ **TP9870** 0.5 oz (15 ml) EZ-Ject™ A/C UV dye (up to 14 vehicles)
- ▶ **TP3400** 1 oz (30 ml) oil-based fluid UV dye (1 vehicle)
- ▶ **TP-3900** 1 oz (30 ml) standard coolant UV dye (1 vehicle)
- ▶ **TP9845** EZ-Ject™ dye injector assembly
- ▶ **TP9847** R-134a hose/coupler & purge fitting
- ▶ **TP19** 2 oz (60 ml) GLO-AWAY™ Plus cleaner
- ▶ **TP9831** R-1234yf adapter



VIOLET LIGHT LED UP TO 20 ft (6 m) Inspection Range 3x AAA Batteries Included Fluorescence Enhancing GLO-AWAY™ Plus + Underhood Labels R-1234yf Adapter SERVICES UP TO 14 A/C SYSTEMS

OIL-BASED UV DYES

oem
GRADEBRIGHTER
DYE
PERFORMANCECO-SOLVENT
FREE

FLUID SERVICE KIT

PINPOINT THE
EXACT SOURCE OF
MULTIPLE LEAKS IN
COLOR!



POWER STEERING

ENGINE OIL

FUEL

TRANSMISSION

Universal Oil-Based MULTI-COLOR UV Dye Kit

Professional-grade kit designed to pinpoint leaks in multiple oil-based systems, fast. Features white, blue, and yellow color-coded dyes to isolate individual leaks across power steering, engine oil, fuel, and transmission lines. Includes coolant dye for broader fluid detection.

TPLTM92

- ▶ TPLTM LeakTracker™ MINI UV LED flashlight
- ▶ TP3320* 1 oz (30 ml) white UV dye (1 vehicle)
- ▶ TP3340* 1 oz (30 ml) blue UV dye (1 vehicle)
- ▶ TP3360* 1 oz (30 ml) yellow UV dye (1 vehicle)
- ▶ TP3900 1 oz (30 ml) standard coolant UV dye, (1 vehicle)

*Not for use in brake systems

NOTE: TPLTM replaces TPUV92

SERVICES
UP TO
4
VEHICLE
SYSTEMS



SCAN TO
LEARN MORE

UV
LED

UP TO
25ft (8m)
Inspection
Range

3x
AAA
Batteries
Included

UV-absorbing
Glasses

Underhood
Labels

UNIVERSAL/ESTER

oem
GRADEBRIGHTER
DYE
PERFORMANCECO-SOLVENT
FREE

COMPLETE SERVICE KIT

Universal/Ester-Based Complete BigEZ™ Multi-System Kit

High-capacity leak detection kit for A/C, oil, and coolant systems. Compatible with R-134a, R-1234yf, and ester-based refrigerants. Designed for high-volume shops, covers up to 64 A/C systems and includes a pro-grade injection gun for fast, efficient service.

TPOPUV16

- ▶ TPOPUV OPTI-PRO™ UV cordless, violet light LED flashlight
- ▶ TP9770-8 8 oz (237 ml) BigEZ™ universal/ester A/C UV dye, (up to 64 vehicles)
- ▶ TP3400 1 oz (30 ml) oil-based fluid UV dye (1 vehicle)
- ▶ TP-3900 1 oz (30 ml) standard coolant UV dye (1 vehicle)
- ▶ TP9749 EZ-Shot™ caulking gun-style dye injector assembly
- ▶ TP9747 18 in (46 cm) R-134a hose/coupler with BigEZ™ adapter & purge fitting
- ▶ TP19 2 oz (60 ml) GLO-AWAY™ Plus cleaner
- ▶ TP9831 R-1234yf adapter



VIOLET
LIGHT
LED

UP TO
20ft (6m)
Inspection
Range

3x
AAA
Batteries
Included

Fluorescence
Enhancing

GLO-AWAY™
Plus +

Underhood
Labels

R-1234yf
Adapter

HEAVY-DUTY / FLEET

oem
GRADE

BRIGHTER
DYE
PERFORMANCE

CO-SOLVENT
FREE

Universal/Ester-Based - Heavy-Duty/Fleet Complete EZ-Ject™ Multi-System Kit

Fleet-ready solution for diagnosing leaks across **R-134a, R-1234yf, oil, and coolant systems**. Services up to **28 vehicles** with universal dyes, adapters, and a cordless UV flashlight for fast, efficient detection.

TPOPUV57HD

- ▶ **TPOPUV** OPTI-PRO™ UV cordless, violet light LED flashlight
- ▶ **TP9870** (2) 0.5 oz (15 ml) EZ-Ject™ universal/ester A/C UV dye (up to 28 vehicles)
- ▶ **TP3400-8** 8 oz (237 ml) oil-based fluid UV dye (up to 8 vehicles)
- ▶ **TP-3900-0008** 8 oz (237 ml) standard coolant UV dye (up to 8 vehicles)
- ▶ **TP9845** EZ-Ject™ dye injector assembly
- ▶ **TP9847** R-134a hose/coupler & purge fitting
- ▶ **TP19** 2 oz (60 ml) GLO-AWAY™ Plus dye cleaner
- ▶ **TP9831** R-1234yf adapter

SERVICES
UP TO
28
A/C
SYSTEMS



VIOLET
LIGHT
LED

UP TO
20ft (6 m)
Inspection
Range

3x
AAA
Batteries
Included

Fluorescence
Enhancing

GLO-AWAY™
Plus +

Underhood
Labels

R-1234yf
Adapter

Universal Oil-Based - Heavy-Duty/Fleet MULTI-COLOR UV Dye Kit

Professional-grade kit for fleet and heavy-duty use. Features **multi-color dyes** to isolate leaks in **oil, fuel, power steering, and transmission lines**.

TPLTM93HD

- ▶ **TPLTM** LeakTracker™ MINI UV LED cordless, leak detection flashlight
- ▶ **TP3320-8** 8 oz (237 ml) **white** UV dye (up to 8 vehicles)
- ▶ **TP3340-8** 8 oz (237 ml) **blue** UV dye (up to 8 vehicles)
- ▶ **TP-3380-0008** 8 oz (237 ml) **yellow** UV dye (up to 8 vehicles)
- ▶ **TP-3900-0008** 8 oz (237 ml) standard coolant UV dye (up to 8 vehicles)

SERVICES
UP TO
32
VEHICLE
SYSTEMS



UV
LED

UP TO
25ft (8 m)
Inspection
Range

3x
AAA
Batteries
Included

UV-absorbing
Glasses

Underhood
Labels

NOTE: TPLTM93HD replaces TPUV93HD



Marksman™ II

ULTRASONIC DIAGNOSTIC TOOL

SOUND SIGNATURE TECHNOLOGY

Advanced heterodyne circuitry and "sound signature technology" to convert and amplify inaudible ultrasonic sounds into audible "natural" sounds.

Provides quick diagnosis of leaks and defects before they become major breakdowns!



Marksman™ II

Ultrasonic Diagnostic Tool

The Marksman™ II is an advanced ultrasonic tool that detects leaks and mechanical defects before they cause costly failures. Designed for automotive, truck, A/C, and refrigeration systems, it delivers quick, accurate diagnostics even in noisy environments.

TP-9367L

- ▶ 5-LED indicator + audible alarm
- ▶ Laser pointer for pinpoint accuracy
- ▶ Automatic Gain Control (self-adjusting sensitivity)
- ▶ Adjustable touch-control pad for ease of use
- ▶ Noise control for reliable detection in loud shops
- ▶ Frequency response: 36,000–44,000 Hz

Applications: Automotive, heavy-duty trucks, A/C, and refrigeration

Detects: Air, vacuum, refrigerant, and exhaust leaks; tire leaks; gear/bearing wear; electrical discharge



FLUORESCENT DYE CLEANER

GLO-AWAY™ PLUS Fluorescent Dye Cleaner

- ▶ New formulation that works to dissolve fluorescent dye from the leak site.
- ▶ Requires less application & less time removing residual dye.

Product No.	Description
TP19	2 oz (60 ml) dye cleaner



Add UV dye, inspect with UV lamp, and pinpoint leak sites.



Stop host fluid from escaping. Worn hoses, gaskets, and loose connections can cause leaks.



Spray the leak sites with GLO-AWAY™ PLUS and wipe away. Reinspect with a UV lamp to ensure 100% repair.

UV LEAK DETECTION FAQ



STEP 1

ADD UV DYE

Let dye circulate; dye escapes and collects at all leak sites.



STEP 2

SCAN SYSTEM

Scan system with a Tracerline leak detection lamp and see any leaks **glow brightly**.

Q: How does Tracerline UV leak detection work?

A: Add a small dose of OEM-grade fluorescent dye, run the system, then inspect with a Tracerline UV flashlight. Every leak glows, so you can spot it in seconds.

Q: Which vehicle systems can I test?

A: Virtually any circulating fluid system: A/C, engine oil, coolant, fuel, ATF, power steering, and hydraulics. Do not use dye in brake systems.

Q: Do I need to flush the dye out after repairs?

A: No flushing needed. The dye stays in the system so you can quickly confirm the repair and detect future leaks.

Q: What's the service-bay pay-off?

A: Finding leaks others miss builds trust, reduces comeback labor, and most shops recover the kit cost on the first job.

Q: Why choose Tracerline over imitators?

- ✓ High-intensity lamps for faster inspections
- ✓ Rugged, shop-grade construction
- ✓ Widest dye range for multiple systems
- ✓ Direct technical support from Tracer Products
- ✓ Proven in over 350 million vehicles

ADVANCED LEAK DETECTION FOR ELECTRIC VEHICLES



Tracerline's OEM-grade EV A/C dye is fully compatible and does not affect system properties.



Our patented A/C dyes are engineered for electrically-driven compressors and ensure system resistivity.



EV UV DYE: COMMON QUESTIONS

Q: Can I use UV dye in electric vehicles?

A: Yes. Tracerline's EV A/C dye is non-conductive and engineered specifically for electric compressors and high-voltage systems.

Q: Why test dye compatibility?

A: To protect system integrity, technician safety, and meet OEM standards.

Q: Will it affect system performance?

A: No. It's formulated to maintain dielectric properties and resist electrical conductivity, proven safe for all EV A/C components.

Q: What causes electrical issues in EV A/C systems?

A: Non-compatible fluids can disrupt system function. Leaks may also allow moisture in, leading to shorts or corrosion.

Q: What's the most important outcome when testing EV UV dye?

A: It must have zero impact on system resistivity, be fully compatible, and remain stable in EV compressor oils.

Q: Do I need to flush the dye after repairs?

A: No flushing is needed. The dye stays in the system to verify future leaks during routine service.

TESTED & PROVEN FOR EV SYSTEMS:

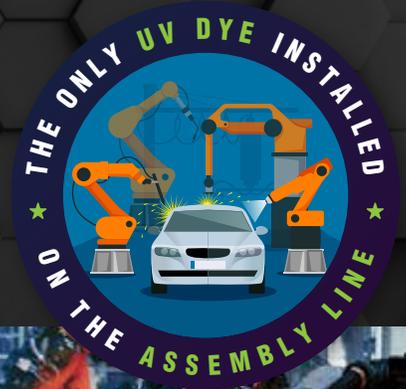
Our engineering team evaluates dye performance across critical system criteria:

- ✓
Temperatures
- ✓
Pressures
- ✓
Compressor Voltage
- ✓
Compressor Current
- ✓
Oil Insulation Breakdown



TRACER PRODUCTS

THE GLOBAL STANDARD IN UV LEAK DETECTION.



OEM

The only UV dye trusted and approved by OEMs for assembly line installation, ensuring leak detection quality from day one.



OES & AFTERMARKET

Factory-trusted dye, now used in dealership service and aftermarket diagnostics.



TRUSTED

Installed in over 350 million vehicles, trusted by the world's leading automakers.



TRACER PRODUCTS
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