

**FLUORESCENT LEAK DETECTION AND DIAGNOSTIC TOOLS** 











Trusted by AUTOMOTIVE LEADERS

SINCE 1955 ·









# TRACERLINE® HEAVY-DUTY ELECTRIC VEHICLE A/C DYES

# **ELECTRIC VEHICLE A/C DYE**



**CO-SOLVENT** 



#### **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**

Tracerline® electric dyes can be used in electrically driven automotive air conditioning systems without creating a safety issue





#### **POE-BASED EV A/C DYE**

UV LEAK DETECTION KIT

#### Compatible with both R-1234yf & R-134a

▶ EV A/C Leak Detection kit includes single-dose Mini-EZ™ dye cartridges, UV flashlight, solid-brass swivel-type R-134a coupler, R-1234yf adapter, GLO-AWAY™ Plus, and more.

#### **TPOPUV20EV**

- ► TPOPUV OPTI-PRO™ UV cordless, violet light LED leak detection flashlight
- ► TP9815EV-P3\* (3) 0.25 oz (7 ml) Mini-EZ<sup>™</sup> single-dose POE-Based EV A/C dye cartridges, services up to 3 vehicles
- ▶ TP9845 EZ-Ject™ dye injector assembly
- ▶ TP-9813 Brass, swivel-type R-134a coupler with check valve and purge fitting for Mini-EZ™ capsules
- TP9831 R-1234yf adapter
- ► TP19 2 oz (60 ml) spray bottle of GLO-AWAY™ Plus fluorescent dye cleaner























#### POE-BASED EV A/C DYE

MINI-EZ™ INJECTION KIT

Compatible with both R-1234yf & R-134a

Product No.	Description
TP9815EV-P3*	(3) 0.25 oz (7 ml) Mini-EZ' single-dose POE-Based EV A/C dye cartridges, services up to $\bf 3$ vehicles
TP9815EV-P12*	(12) 0.25 oz (7 ml) Mini-EZ <sup>™</sup> single-dose POE-Based EV A/C dye cartridges, services up to <b>12 vehicles</b>
TP9814EV-BX*	<ul> <li>► TP9815EV-P3 (3) 0.25 oz (7 ml) Mini-EZ™ Single-Dose POE-Based EV A/C dye cartridges,, services up to 3 vehicles</li> <li>► TP9845 EZ-Ject™ dye injector assembly</li> <li>► TP-9813 Solid-brass, swivel-type R-134a hybrid coupler with check valve and purge fitting</li> <li>► TP9831 R-1234yf adapter</li> </ul>





<sup>\*</sup>Compatible with Hybrid Vehicles

# ELECTRIC VEHICLE A/C DYES HEAVY-DUTY TRACERLINE®



POE-BASED EV **A/C OIL** 



#### Compatible with both R-1234yf & R-134a

TP100EV-5\*









POE-BASED EV NEW!

A/C OIL + UV DYE





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

\*Compatible with Hybrid Vehicles



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

\*Compatible with Hybrid Vehicles







Compatible with both R-1234yf & R-134a

▶ Designed to meet manufacturer specifications for PAG compressors

Description
(3) 0.25 oz (7 ml) Mini-EZ $^{\!$
(12) 0.25 oz (7 ml) Mini-EZ <sup>™</sup> single-dose PAG-Based EV A/C dye cartridges, services up to <b>12 vehicles</b>
<ul> <li>▶ TP9816EV-P3 (3) 0.25 oz (7 ml) Mini-EZ™ single-dose PAG-Based EV A/C dye cartridges, services up to 3 vehicles</li> <li>▶ TP9845 EZ-Ject™ dye injector assembly</li> <li>▶ TP-9813 Solid-brass, swivel-type R-134a hybrid coupler with check valve and purge fitting</li> <li>▶ TP9831 R-1234yf adapter</li> </ul>











# R-1234yf/PAG A/C DYE







#### FLUORO-LITE® 5 BOTTLED DYE

A/C DYE FOR R-1234yf/PAG

#### REFILLABLE INJECTOR

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





Product No.	Description	
TP3825-8	8 oz (237 ml) R-1234yf/PAG bottle, services up to <b>32 vehicles</b>	
TP9883-BX	Inline Injector, 2 oz (60 ml) capacity. Control valve, R-1234yf hose/coupler & purge fitting.	SI
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See price list for all available dye sizes.





# **EZ-Ject™ SYSTEM**

A/C DYE FOR R-1234yf/PAG

#### **MULTI-DOSE**

#### FEATURES:

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



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Product No.	Description
TP9825-P3	(3) EZ-Ject™ R-1234yf/PAG cartridges
TP9824-BX	EZ-Ject™ Dye Injection Kit:  ► TP9825 EZ-Ject™ R-1234yf/PAG cartridge  ► TP9845 EZ-Ject™ dye injector assembly  ► TP10 R-1234yf hose/coupler & purge fitting







# **BigEZ™ SYSTEM**

A/C DYE FOR R-1234yf/PAG

#### **HIGH-VOLUME DOSING**

#### FEATURES:

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





Product No.	Description
TP9725-8	8 oz (237 ml) BigEZ™ R-1234yf/PAG cartridge
TP9792-BX	EZ-Shot™ Dye Injection Kit:  ► 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 NUMBER	STANDARD DOSE
Fluoro-Lite® 5 Bottled Dye	TP3825	<b>0.25 oz</b> (7 ml) $^{\odot}$ per <b>5 lbs</b> (2 kg) of refrigerant or <b>10 oz</b> (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9825	0.035 oz (1 ml) <sup>⊕</sup> per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant
BigEZ™ Cartridge	TP9725	0.125 oz (3.7 ml) <sup>⊕</sup> per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

①Equivalent to 1 line on bottle/cartridge









# R-134a/PAG A/C DYE

#### FLUORO-LITE® 5 BOTTLED DYE

A/C DYE FOR R-134a/PAG

#### REFILLABLE INJECTOR

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





Product No.	Description
TP3820-8	8 oz (237 ml) R-134a/PAG bottle, services up to <b>32 vehicles</b>
TP9882-BX	Inline Injector, 2 oz (60 ml) capacity. Control valve, R-134a hose/coupler & purge fitting.
Can make list for	all available dve sizes

See price list for all available dye sizes.





#### **EZ-Ject™ SYSTEM**

A/C DYE FOR R-134a/PAG

#### **MULTI-DOSE**

#### **FEATURES:**

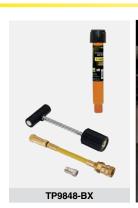
- ▶ 0.5 oz (15 ml) cartridge
- ▶ Multi-dose, services up to 14 vehicles





Product No.	Description	
TP9860-P6	(6) EZ-Ject™ R-134a/PAG cartridges	
TP9848-BX	EZ-Ject™ Dye Injection Kit:  ► TP9860 EZ-Ject™ R-134a/PAG cartridge  ► TP9845 EZ-Ject™ dye injector assembly  ► TP9847 R-134a hose/coupler & purge fitting	







# **BigEZ™ SYSTEM**

A/C DYE FOR R-134a/PAG

#### **HIGH-VOLUME DOSING**

#### **FEATURES:**

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





Product No.	Description
TP9760-8	8 oz (237 ml) BigEZ™ R-134a/PAG cartridge
TP9793-BX	EZ-Shot™ Dye Injection Kit:  ► TP9760-8 BigEZ™ R-134a/PAG cartridge  ► TP9749 EZ-Shot™ caulking gun-style dye injector assembly  ► TP11 R-134a hose/coupler with BigEZ™ adapter & purge fitting

# WELDRESCH A/C DVE A/C





#### RECOMMENDED DYE DOSAGE:

	PRODUCT NUMBER	STANDARD DOSE
Fluoro-Lite® 5 Bottled Dye	TP3820	<b>0.25 oz</b> (7 ml) $^{\odot}$ per <b>5 lbs</b> (2 kg) of refrigerant or <b>10 oz</b> (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9860	0.035 oz (1 ml) <sup>©</sup> per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant
BigEZ™ Cartridge	TP9760	0.125 oz (3.7 ml) <sup>⊕</sup> per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

①Equivalent to 1 line on bottle/cartridge



# **UNIVERSAL/ESTER A/C DYE**





#### FLUORO-LITE® 5 BOTTLED DYE

A/C DYE FOR UNIVERSAL/ESTER

Tracerline® Universal/Ester dyes are designed to be compatible with all widely used refrigerants for automotive AC systems (R-1234yf, R-134a, and more).





Product No. Description **TP3840-8** 

8 oz (237 ml) Universal/Ester bottle, services up to 32 vehicles

TP9882-BX

Inline Injector, 2 oz (60 ml) capacity. Control valve, R-134a hose/coupler & purge fitting.

See price list for all available dye sizes.

# A/C DYE





REFILLABLE INJECTOR

#### **EZ-Ject™ SYSTEM**

A/C DYE FOR UNIVERSAL/ESTER

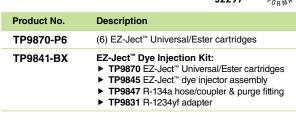
#### **MULTI-DOSE**

#### FEATURES:

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













### **BigEZ™ SYSTEM**

A/C DYE FOR UNIVERSAL/ESTER

#### **FEATURES:**

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





Product No.	Description
TP9770-8	8 oz (237 ml) BigEZ™ Universal/Ester cartridge
TP9790-BX	EZ-Shot™ Dye Injection Kit:  ► TP9770-8 8 oz (237 ml) BigEZ™ Universal/Ester cartridge  ► TP9749 EZ-Shot™ caulking gun-style dye injector assembly  ► TP11 R-134a hose/coupler with BigEZ™ adapter & purge fitting  ► TP9831 R-1234yf adapter







#### RECOMMENDED DYE DOSAGE:

	PRODUCT NUMBER	STANDARD DOSE
Fluoro-Lite® 5 Bottled Dye	TP3840	<b>0.25 oz</b> (7 ml) <sup>⊕</sup> per <b>5 lbs</b> (2 kg) of refrigerant or <b>10 oz</b> (300 ml) of lubricant
EZ-Ject™ Cartridge	TP9870	<b>0.035 oz</b> (1 ml) $^{\odot}$ per <b>2.5 lbs</b> (1 kg) of refrigerant or <b>5 oz</b> (150 ml) of lubricant
BigEZ™ Cartridge	TP9770	0.125 oz (3.7 ml) <sup>⊕</sup> per 2.5 lbs (1 kg) of refrigerant or 5 oz (150 ml) of lubricant

NOTE: R-1234yf systems require TP9831 adapter

①Equivalent to 1 line on bottle/cartridge



# **COOLANT DYES**

#### **WATER-BASED** DYE

#### RITE-BLEND™ UNIVERSAL COOLANT DYE

For both Conventional & Extended-Life Coolants

OEM-Grade coolant dye that will not change the host color of the coolant. Works with all leak detection flashlights. Dye fluoresces yellow-green.

Product No.	Description
TP-3940-0008	8 oz (237 ml) bottle, services up to 8 vehicles

See price list for all available dye sizes.



#### RECOMMENDED DYE DOSAGE:

FLUID	TP-3940
Coolant	1 oz (30 ml) per 6 gal (23 L)





**RETAINS** THE ORIGINAL **COOLANT COLOR** 

Compatible with

#### STANDARD COOLANT DYE

For all Conventional Coolants



Works with all leak detection flashlights. Dye fluoresces yellow-green.

Product No.	Description
TP-3900-0008	8 oz (237 ml) bottle, services up to 8 vehicles

NOTE: May alter the original color of the coolant See price list for all available dye sizes.

> Compatible with  $\textbf{DEX-COOL}^{\texttt{®}}$



#### RECOMMENDED DYE DOSAGE:

FLUID	TP-3900
Coolant	1 oz (30 ml) per 6 gal (23 L)



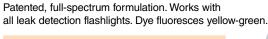
# **FLUID DYE FOR OIL-BASED SYSTEMS**







#### UV FLUORESCENT DYE For all Circulating Oil-Based Fluid Systems



Product No. Description 8 oz (237 ml) bottle. TP3400-8 services up to 8 vehicles

See price list for all available dye sizes.



#### RECOMMENDED DYE DOSAGE:

FLUID APPLICATIONS	
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)

#### UV FLUORESCENT DYE - MULTI-COLORED

For all Circulating Oil-Based Fluid Systems

With a set of color-coded leak detection dyes, a technician can diagnosis leaks across multiple, oil-based fluids - including

transmission, oil and fuel. Even in dirty diesel!	
Product No.	Description
<b>♦ TP3320-8</b>	8 oz (237 ml) bottle, fluoresces <b>white</b> , services up to <b>8 vehicles</b>
<b>♦</b> TP3340-8	8 oz (237 ml) bottle, fluoresces <b>blue</b> , services up to <b>8 vehicles</b>
TP-3380-0008 8 oz (237 ml) bottle, fluoresces yellow, services up to 8 vehicles	
See price list for all available dye sizes.	

#### RECOMMENDED DYE DOSAGE:

FLUID APPLICATIONS	
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)

# VIOLET LED FLASHLIGHTS | OPTI-PRO™ UV MAX R & UV MAX

#### **OPTI-PRO™ UV MAX R TPOPUVMR**

The new OPTI-PRO™ UV MAX series offers the highest-quality leak detection lamps on the market.

With a more powerful beam profile, technicians can spot multiple leaks in A/C, coolant, and oil-based fluid systems.

#### LAMP SPECIFICATIONS

**Run Time** 

5+ hours

(depending on power mode and usage)

**Charge Time** 



35 ft (10.5 m)



**USB RECHARGEABLE** LI-ION BATTERY



**POWERFUL** BEAM



**ADJUSTABLE** FOCUS LENS



HIGH/LOW



STROBE LIGHT



# **OPTI-PRO™ UV MAX**

The TPOPUVM comes with all of the same great features as the TPOPUVMR - but it is instead powered by three AA batteries. Be confident all leak sites are found with this high-performance lamp.

The strobe light feature helps technicians contrast dye fluorescence from the surrounding area more easily. When there are multiple leaks present, this feature helps technicians pinpoint all leaks.

#### LAMP SPECIFICATIONS

**Run Time** 

5+ hours

(depending on power mode and usage)



30 ft (9 m) RANĜE



**3 AA BATTERIES** INCLUDED



**POWERFUL** BEAM



ADJUSTABLE FOCUS LENS



HIGH/LOW



**STROBE** 







# VIOLET LED FLASHLIGHTS | OPTI-PRO™ UV PLUS & UV







OPTI-PRO™ UV



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

# **UV LED FLASHLIGHT**

SCAN/CLICK FOR

#### NEW!



### **LeakTracker™ MINI UV LED FLASHLIGHT**

**TPLTM** 



**FLUORESCES** 







An advanced tool that illuminates all UV dyes, even within the dirtiest diesel engine oil. Its rugged IP68 rating ensures superior water and dust resistance.

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



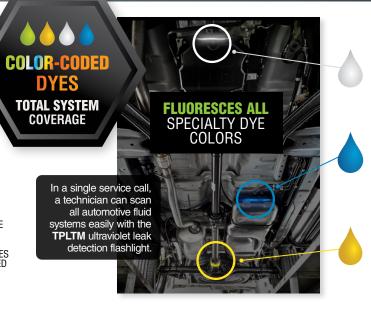
IP68 RATED



6 HOUR RUNTIME



NOTE: TPLTM replaces TP-8695 (while supplies last)



# **LEAK DETECTION KITS**







#### **UNIVERSAL/ESTER**

#### COMPLETE SERVICE KIT

#### **COMPLETE A/C + FLUID DYE**

UV LEAK DETECTION KIT

Compatible with R-1234yf, R-134a, and more

Oil-Based

Coolant

#### TPOPUV57HD

- ▶ TPOPUV OPTI-PRO™ UV cordless, violet light LED leak detection flashlight
- ▶ TP9870 (2) 0.5 oz (15 ml) cartridges of EZ-Ject™ Universal/Ester multi-dose A/C dye, services up to 14 vehicles each
- ▶ TP3400-8 8 oz (237 ml) bottle of dye for all circulating oil-based fluids, services up to 8 vehicles
- ▶ TP-3900-0008 8 oz (237 ml) bottle of Standard Coolant dye, services up to 8 vehicles
- ► TP9845 EZ-Ject™ dye injector assembly
- ▶ TP9847 R-134a hose/coupler & purge fitting
- ▶ TP19 2 oz (60 ml) spray bottle of GLO-AWAY™ Plus fluorescent dye cleaner
- ► TP9831 R-1234yf adapter



























#### **OIL-BASED FLUID SYSTEMS**

#### **FLUID SERVICE KIT**

#### **MULTI-COLORED FLUID DYE**

UV LEAK DETECTION KIT

Oil-Based

Coolant

Color-coded dyes for oil-based fluids: white dye, yellow dye, and blue dye. Green dye for treating coolant leaks.

#### TPLTM93HD

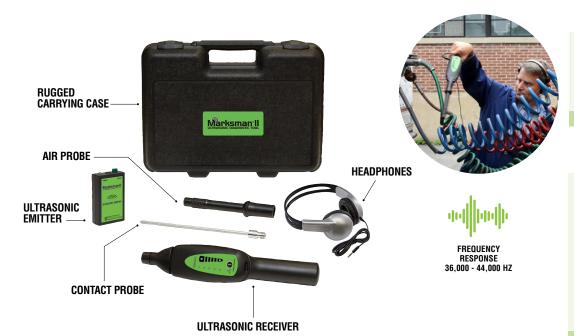
- ▶ TPLTM LeakTracker™ MINI UV LED cordless, leak detection flashlight
- ▶ TP3320-8 8 oz (237 ml) bottle of dye for all circulating oil-based fluids, fluoresces white, services up to 8 vehicles
- ▶ TP3340-8 8 oz (237 ml) bottle of dye for all circulating oil-based fluids, fluoresces blue, services up to 8 vehicles
- ▶ TP-3380-0008 8 oz (237 ml) bottle dye for all circulating oil-based fluids, fluoresces yellow, services up to 8 vehicles
- ► TP-3900-0008 8 oz (237 ml) bottle of Standard Coolant dye, fluoresces yellow-green, services up to 8 vehicles

NOTE: TPLTM93HD replaces TPUV93HD (while supplies last)





- ▶ 5-LED signal intensity indicator and audible alarm easily find exact problem source
- ► Self-adjusting Automatic Gain Control (AGC) circuitry enhances sensitivity and simplifies operation
- ▶ Laser pointer to help pinpoint the source of pressurized leaks
- ► Adjustable touch-control sensitivity pad and power switch
- ▶ Internal Noise Control (INC) ensures that tool is unaffected by ambient noise
- ► Checks for electrical discharge associated with insulation breakdown, carbon tracking and arcing
- ▶ Unique ultrasonic emitter helps locate faulty seals, gaskets and weather stripping in passenger cabs, trailers and other non-pressurized enclosures



#### APPLICATIONS:

- Automotive
- Heavy-duty trucks
- ► Air conditioning
- ► Refrigeration

#### **IDEAL FOR DETECTING:**

- ▶ Air brake leaks
- Compressed air leaks
- Vacuum leaks
- ▶ Tire leaks
- Gear and bearing wear
- Electrical discharge
- Exhaust leaks
- ► Refrigerant leaks

# TRACERPRODUCTS THE ONLY DYE INSTALLED ON THE ASSEMBLY LINE.



# **OEM**

#### TRACERLINE®

THE ONLY UV DYE APPROVED BY OEM'S FOR USE ON THE ASSEMBLY LINE TO ENSURE QUALITY



# OES & AFTERMARKET

HIGHEST-QUALITY LEAK DETECTION AND DIAGNOSTIC TOOLS



BY MAJOR CAR MANUFACTURERS AND INSTALLED IN 300 MILLION VEHICLES











































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