LEAK DETECTION AND DIAGNOSTIC TOOLS

HIGH QUALITY PRODUCTS FOR SERVICE PROFESSIONALS

PINPOINT THE EXACT SOURCE OF ALL THESE LEAKS:

- Air Conditioning
- Coolant
- Engine Oil
- Power Steering Fluid
- Automatic Transmission Fluid
- Air Brake
- Vacuum
- Tire
- Compressed Air
- Fuel
- Hydraulics
- Wind & Water

Trusted by these Industry Leaders
Fluorescent Leak Detection

**HOW IT WORKS:**

**STEP 1**
ADD DYE TO SYSTEM AND LET IT CIRCULATE...
(The dye escapes with the refrigerant or fluid and collects at all leak sites)

**STEP 2**
SCAN SYSTEM WITH A TRACERLINE® LEAK DETECTION FLASHLIGHT AND SEE ALL LEAKS GLOW BRIGHTLY!

**COMPANY BACKGROUND**
Tracer Products’ parent company, Spectronics Corporation, invented fluorescent leak detection in 1955 and remains the world leader in ultraviolet technology. Spectronics manufactures over 1,000 different products for the biotechnology, laboratory, industrial, electronics and other markets.

---

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**Company Background:**
Tracer Products’ parent company, Spectronics Corporation, invented fluorescent leak detection in 1955 and remains the world leader in ultraviolet technology. Spectronics manufactures over 1,000 different products for the biotechnology, laboratory, industrial, electronics and other markets.

**NOTE:** For most applications, violet light flashlights do not require fluorescence-enhancing glasses.

---

**Cordless LED Leak Detection Lamps**

- **TP-8610CS OPTI-PRO™**
  - Power comparable to high-intensity 100-watt lamps
  - Works with all Tracerline® universal/ester and PAG A/C dyes, as well as TP-3400, TP-3405, TP-3900 and TP-3940 fluid dyes
  - Includes fluorescence-enhancing glasses, belt holster and lanyard.

- **TP-8630 OPTI-PRO™ MAX**
  - Power comparable to high-intensity 150-watt lamps
  - Works with all Tracerline® universal/ester and PAG A/C dyes, as well as TP-3400, TP-3405, TP-3900 and TP-3940 fluid dyes
  - Provides 4 hours of continuous inspection between charges
  - Includes smart charger with AC plug, fluorescence-enhancing glasses and lanyard.

- **TP-8655 OPTI-PRO™ PLUS**
  - Power comparable to high-intensity 125-watt lamps
  - Works with all Tracerline® universal/ester and PAG A/C dyes, as well as TP-3400, TP-3405, TP-3900 and TP-3940 fluid dyes
  - Provides 4 hours of continuous inspection between charges
  - Includes smart charger with AC plug, fluorescence-enhancing glasses and lanyard.

- **TP-9357CS Vio-BLU™**
  - Power comparable to high-intensity 100-watt lamps
  - Features a dual-head, high-output true UV LED on one end and a super-bright blue light LED on the other for incredible versatility and dye response
  - True UV LED fluoresces all popular universal/ester and PAG A/C dyes, as well as Tracerline® TP-3400, TP-3405, TP-3900 and TP-3940 fluid dyes
  - Blue light LED works with all oil-based dyes, including difficult-to-fluoresce yellow dyes
  - Includes fluorescence-enhancing glasses and belt holster.

*Fluorescence-enhancing glasses required for yellow oil dyes.*

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**Red “CS” part number suffix denotes full-color, hanging clamshell packaging.**
**MINI-EZ™ INJECTOR KITS**

**Fastest! Perfect for High-Volume Shops!**

- **TP-9890** Universal/Ester—low side
- **TP-9891** R-1234yf/PAG—low side

*R-1234yf systems require TP-9831CS adapter

---

**EZ-Shot™ INJECTOR KIT**

**Fastest! Perfect for High-Volume Shops!**

- **TP-9790** Universal/Ester—low side
- **TP-9791** R-1234yf/PAG—low side

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**EZ-Ject™ INJECTOR KITS**

**Most Accurate**

- **TP-9841CS** Universal/Ester—low side
- **TP-9844** R-1234yf/PAG—low side
- **TP-9848** R-134a/PAG—low side

*R-1234yf systems require TP-9831CS adapter

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**SYRINGE A/C DYE INJECTOR**

**Refillable!**

- **TP-9881** Syringe injector, hose/coupler with check valve and purge fitting for R-134a systems.
- **TP-9884** Syringe injector, hose/coupler with check valve and purge fitting for R-1234yf systems.

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**UNIVERSAL A/C FLUID INJECTOR**

**Refillable, 2 oz (59 ml) capacity. For Use with All A/C Dyes and Oils!**

- **TP-9882** Includes R-134a hose/coupler and purge fitting.
- **TP-9883** Includes R-1234yf hose/coupler and purge fitting.

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**FLUORO-Lite® BOTTLED A/C DYES**

**Economical!**

- **UNIVERSAL/ESTER**
  - **TP-3840-12025** (12) 1/4 oz (7.4 ml)
  - **TP-3840-0001CS** (1) 1 oz (30 ml)
  - **TP-3840-0008** (8) 8 oz (237 ml)

- **R-134a/R-1234yf PAG**
  - **TP-3820-12025** (12) 1/4 oz (7.4 ml)
  - **TP-3820-0001CS** (6) 1 oz (30 ml)
  - **TP-3820-0008** (8) 8 oz (237 ml)

*Also available in larger sizes.

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**BIGEZ™ A/C DYE CARTRIDGES**

**Prefilled! Disposable!**

- **TP-9770-0108** 1 Universal/Ester
- **TP-9764-0108** 1 R-134a/R-1234yf PAG

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**A/C OIL CARTRIDGES**

**Prefilled! Disposable!**

- **TP-9761-0108** 46 cSt/PAG
- **TP-9762-0108** 100 cSt/PAG
- **TP-9763-0108** 125 cSt/PAG
- **TP-9764-0108** 150 cSt/PAG
- **TP-9771-0108** 100 cSt/Ester

*Not for use in R-1234yf systems
**GM-approved viscosity

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**EZ-Ject™ A/C DYE CARTRIDGES**

**Prefilled! Disposable!**

- **TP-9870CS** (1) Universal/Ester
- **TP-9870-0108** (6) Universal/Ester
- **TP-9860-12025** (6) R-134a/PAG
- **TP-9860-0601** (6) R-134a/PAG

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**MINI-EZ™ A/C DYE CARTRIDGES**

**Prefilled! Single-Dose!**

- **TP-9875-0108** (6) Universal/Ester
- **TP-9865-0108** (6) R-134a/R-1234yf PAG

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**A/C DYES, OILS and INJECTION METHODS**

- **Meets SAE J2297 STANDARD**
- **CO-SOLVENT FREE**
- **R-1234yf COMPATIBLE**

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Red “CS” part number suffix denotes full-color, hanging clamshell packaging.
ELECTRONIC REFRIGERANT LEAK DETECTOR
TP-9360 PRO-Alert™
Features high-performance heated-diode sensor technology! Certified to meet SAE J1627 performance standard for electronic refrigerant leak detectors.
- Optimum sensitivity detects leaks down to 0.25 oz/year (7 g/year)
- Sensor life up to 200 hours or more
- Sensitive to R-12, R-134a, R-1234yf and other refrigerants
- Variable-intensity audible alarm plus flashing LED help pinpoint leaks fast
- Includes sensor, replacement filters, (2) D cell batteries and rugged carrying case

INFRARED ELECTRONIC REFRIGERANT LEAK DETECTOR
TP-9364 PRO-Alert™ IR
Utilizes state-of-the-art infrared sensor technology. Certified to meet SAE J2791 and J2913 performance standards for R-134a and R-1234yf electronic refrigerant leak detectors.
- Optimum sensitivity detects leaks down to 0.1 oz/year (3 g/year)
- Infrared sensor provides extremely long service life of 1,000 hours or more!
- Sensitive to R-12, R-134a, R-1234yf and other refrigerants
- Audible alarm and multiple LEDs help locate leaks fast
- NiMH battery provides over six hours of use between charges. Detector also works with AC and DC power adapters (included).
- Includes sensor, replacement filters, rechargeable NiMH battery, AC power adapter, DC power adapter with cigarette lighter plug and rugged carrying case

COMBUSTIBLE GAS LEAK DETECTOR
TP-9363 PRO-Chek™ CG
Outstanding sensitivity, quality and affordability in a portable gas leak detector. Perfect for finding leaks in CNG vehicles, acetylene welding tanks, propane tanks, regulators, shop heating systems and more!
- Certified intrinsically safe for use in combustive/explosive environments
- Twice as sensitive as competitive units
- Detects gasoline, propane, natural gas, methanol, ethanol, methane, ethane, butane and other hazardous gases
- Variable audible alarm and multiple LEDs help determine size of leak quickly
- Auto-zeroing function helps ignore background gas levels in test area
- Chrome-plated, flexible metal probe allows leak checking in tight spaces
- Field-replaceable sensor and batteries eliminate downtime
- Includes sensor, (2) D cell batteries and rugged carrying case

ULTRASONIC DIAGNOSTIC TOOL
TP-9367 MARKSMAN™ II
Converts and amplifies inaudible ultrasonic sound into audible “natural” sound for accurate diagnosis of leaks and defects. Finds problems before they result in major breakdowns!
- Detects air brake, tire, compressed air, vacuum and other pressurized leaks quickly and effortlessly
- Convenient, easy-to-use, touch-control sensitivity pad and power switch
- 5-LED signal-intensity indicator and audible alarm easily pinpoint the exact problem source
- Internal Noise Control ensures that tool is unaffected by ambient noise. Ideal for use in extremely noisy environments.
- Self-adjusting Automatic Gain Control circuitry enhances sensitivity and simplifies operation
- Precision-engineered hollow air probe helps isolate leak sources in cramped areas
- Solid contact probe quickly pinpoints wear or damage to internal components — without disassembly!
- Unique ultrasonic emitter helps locate faulty seals, gaskets and weather-stripping in passenger cabs, trailers and other non-pressurized enclosures
- Comes complete with ultrasonic receiver, ultrasonic emitter, hollow air probe, contact probe, headphones and rugged carrying case
TP-8621
A/C & FLUID LEAK DETECTION KIT
Entry-Level Kit!
Features the TP-8620 OPTI-Lite™ Cordless, economy, 6-LED blue light leak detection flashlight!

Kit also includes:
- Syringe A/C dye injector
- Hose/coupler with check valve and purge fitting
- 1 oz (30 ml) bottle of Fluoro-Lite® universal/ester A/C dye for servicing up to 4 vehicles
- 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ standard oil dye for all oil-based fluid systems
- 1 oz (30 ml) bottle of Dye-Lite® standard coolant dye
- Fluorescence-enhancing glasses
- Rugged carrying case

NOTE: To inject dye into R-1234yf systems, use TP-9831CS adapter
**DYE-LITE® DYES FOR OIL- AND WATER-BASED FLUID SYSTEMS**

**ALL-IN-ONE™ OIL DYES**
Patented, full-spectrum formulations work with all leak detection lamps. For all circulating oil-based fluids (oil, fuel, ATF, power steering and hydraulics). Available in standard and concentrated formulas.

**STANDARD COOLANT DYE**
For all conventional coolants. Works with all leak detection lamps.

**UNIVERSAL COOLANT DYE**
Rite-Blend™
For both conventional and extended-life coolants. Works with all leak detection lamps. Will not change color of coolant.

Dye-Lite® fluid dyes are also available in larger sizes. Dye product numbers with these extensions denote some of the choices.

**UNIVERSAL/ESTER OIL DYES**
Patented, full-spectrum formulations work with all leak detection lamps. For all circulating oil-based fluids (oil, fuel, ATF, power steering and hydraulics). Available in standard and concentrated formulas.

**FLUID DYES**
Dye-Lite® dyes are also available in larger sizes. Dye product numbers with these extensions denote some of the choices.

Red “CS” part number suffix denotes full-color, hanging clamshell packaging.

**SUPER-PREMIUM UNIVERSAL/ESTER AND PAG A/C OILS PREMIXED WITH UV DYE**
Locate even the smallest leaks when used with any standard leak detection lamp. Specially formulated for mobile air conditioning systems. Safe to use with all types of refrigerant. Hassle-free and labor-saving.

Note: Not for use in R-1234yf systems and in hybrid vehicles with electrically driven A/C compressors.

**HYBRID VEHICLE A/C SERVICE KITS, DYES AND OILS**
The fast, economical, mess-free way to add leak detection dye or OEM-based lubricating oil to a hybrid vehicle’s A/C system. Specially formulated with high dielectric qualities to protect all hybrid system components, including electrically driven compressors!

**TRACER-STICK® HYBRID VEHICLE A/C DYE INJECTION KIT**
TP-3812 includes hose/coupler with check valve, purge fitting, purge capsule, service fitting for gauge manifold or recovery unit, and three foil-wrapped Tracer-Stick® single-dose capsules filled with ester dye blended specifically for all hybrid A/C systems.

**TRACER-STICK® HYBRID DYE REPLACEMENT CAPSULES**
TP-3811–0301 (3) 0.03 oz (1 ml) capsules. Each services up to 2.9 pounds (1.3 kg) of refrigerant or 15 oz (444 ml) of oil.

**MINI-EZ™ HYBRID VEHICLE A/C OIL CARTRIDGE**
TP-9775-0008 Same OEM-based ester lubricant found in our BigEZ™ oil cartridge. Comes in a convenient 8 oz (237 ml) easy-pour bottle.

**HYBRID A/C COMPRESSOR OIL**
TP-9775-0104 (1) 4 oz (118 ml) oil cartridge wrapped in a moisture-resistant foil pouch with desiccant bag.

**BigEZ™ HYBRID/ESTER OIL INJECTION KIT**
TP-9772 includes BigEZ™ injector assembly, solid-brass coupler with check valve and purge fitting, three drip plugs and three foil-wrapped, Mini-EZ™ single-dose cartridges filled with co-solvent free ester dye with unique additives blended specially for hybrid A/C systems.

**HYBRID VEHICLE A/C SERVICE KITS**

**SUPER-PREMIUM UNIVERSAL/ESTER AND PAG A/C OILS PREMIXED WITH UV DYE**

**UNIVERSAL/ESTER OIL WITH UV DYE**
Universal formula designed for both PAG and mineral oil A/C systems

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Viscosity (cSt)</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD100E8</td>
<td>100</td>
<td>8 oz (237 ml) bottle</td>
</tr>
<tr>
<td>TD100EQ</td>
<td>100</td>
<td>32 oz (946 ml) bottle</td>
</tr>
<tr>
<td>TD100EG</td>
<td>100</td>
<td>1 gal (3.8 L) container</td>
</tr>
</tbody>
</table>

**PAG OIL WITH UV DYE**
Specifically developed for OEM and aftermarket R-134a A/C systems. Available in several viscosities for optimal system performance

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Viscosity (cSt)</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD46P8</td>
<td>46</td>
<td>8 oz (237 ml) bottle</td>
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<tr>
<td>TD46PQ</td>
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<td>32 oz (946 ml) bottle</td>
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<tr>
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<tr>
<td>TD100PQ</td>
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<td>32 oz (946 ml) bottle</td>
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<td>100</td>
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</tr>
<tr>
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<td>150</td>
<td>8 oz (237 ml) bottle</td>
</tr>
<tr>
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<td>150</td>
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</tr>
<tr>
<td>TD150PG</td>
<td>150</td>
<td>1 gal (3.8 L) container</td>
</tr>
</tbody>
</table>

**HYBRID VEHICLE A/C OIL CARTRIDGE**
TP-9775-0008 Same OEM-based ester lubricant found in our BigEZ™ oil cartridge. Comes in a convenient 8 oz (237 ml) easy-pour bottle.
BigEZ™ FLUORESCENT A/C DYE CARTRIDGES
4 oz (118 ml)
Also fit most popular caulking gun and pump-type dye injectors. Services up to 32 vehicles.

TP-9770-0004CS Universal/ester
TP-9760-0004CS R-134a/R-1234yf PAG

TP-9841CS* EZ-Ject™ INJECTOR KIT FOR ALL A/C SYSTEMS
Includes the EZ-Ject injector assembly, R-134a hose/coupler with check valve, purge fitting and one ½ oz (14.8 ml) cartridge filled with universal/ester A/C dye. Services up to 14 vehicles. *R-1234yf systems require TP-9831CS adapter

TP-8650ACS VioMAX PLUS™ TELESCOPIC LEAK DETECTION LAMP
Extends up to 29 inches (74 cm) to get into hard-to-reach areas. Large pivoting mirror provides ideal viewing at any angle. True UV (violet light) LED works with all Tracerline® universal/ester and PAG A/C dyes, and most fluid dyes. 100,000-hour LED service life. Includes three 1.5 volt batteries.

TP-8610CS OPTI-PRO™ LEAK DETECTION FLASHLIGHT
Cordless, economical, true UV (violet light) LED leak detection flashlight. Provides optimal fluorescent dye response and contrast. Power comparable to high-intensity 100-watt lamps. Works with all Tracerline® universal/ester and PAG A/C dyes. Inspection range of up to 15 feet (4.6 m). Lanyard, belt holster, fluorescence-enhancing glasses and 3 “AAA” batteries included.

DYE-Lite® REFILL BOTTLES
1 oz (30 ml)
TP-3405CS All-In-One™ standard dye for all oil-based fluid systems. Services 1 vehicle.
TP-3840-0001CS Fluoro-Lite® universal/ester dye for all A/C systems. Services up to 4 vehicles.
TP-3900-0001CS Dye-Lite® dye for conventional coolants. Services 1 vehicle’s coolant system or 6 gal (23 L) of water.

TP-9870CS EZ-Ject™ UNIVERSAL/ESTER A/C DYE CARTRIDGE
Works with all refrigerants. ½ oz (14.8 ml) cartridge services up to 14 vehicles.

TP-9860CS EZ-Ject™ R-1234yf/PAG A/C DYE CARTRIDGE
Works with all R-1234yf/PAG systems. ½ oz (14.8 ml) cartridge services up to 14 vehicles.

TP-9831CS R-1234yf ADAPTER FITTING
Versatile. Adapts R-134a hoses to R-1234yf system low-side service port.

TP-8620CS OPTI-Lite™ LEAK DETECTION FLASHLIGHT
Cordless, compact, economy blue light LED leak detection flashlight. Features 6 bright LEDs with 100,000-hour service life. Inspection range of up to 2 feet (0.6 m). Fluorescence-enhancing glasses and 3 “AA” batteries included.

TP-8640CS OPTIMAX JR™ LEAK DETECTION FLASHLIGHT
Powerful, ultra-compact, cordless blue light LED leak detection flashlight. Features super-bright LED with 100,000-hour service life. Inspection range of up to 6 feet (1.8 m). Fluorescence-enhancing glasses and 3 “AA” batteries included.

TP-9357CS Vio-BLU™ LEAK DETECTION FLASHLIGHT
Cordless, compact and powerful dual-head LED leak detection flashlight. Features high-output true UV (violet light) LED and super-bright blue light LED. Provides optimized fluorescent dye response and contrast. All leaks glow brilliantly! 100,000-hour LED service life. Inspection range of up to 15 feet (4.6 m). Belt holster, fluorescence-enhancing glasses and 3 “AAA” batteries included.

BIGEZ™ FLUORESCENT A/C DYE CARTRIDGES
4 oz (118 ml)
Also fit most popular caulking gun and pump-type dye injectors. Services up to 32 vehicles.

TP-9770-0004CS Universal/ester
TP-9760-0004CS R-134a/R-1234yf PAG

TP-8650ACS VioMAX PLUS™ TELESCOPIC LEAK DETECTION LAMP
Extends up to 29 inches (74 cm) to get into hard-to-reach areas. Large pivoting mirror provides ideal viewing at any angle. True UV (violet light) LED works with all Tracerline® universal/ester and PAG A/C dyes, and most fluid dyes. 100,000-hour LED service life. Includes three 1.5 volt batteries.

TP-9841CS* EZ-Ject™ INJECTOR KIT FOR ALL A/C SYSTEMS
Includes the EZ-Ject injector assembly, R-134a hose/coupler with check valve, purge fitting and one ½ oz (14.8 ml) cartridge filled with universal/ester A/C dye. Services up to 14 vehicles. *R-1234yf systems require TP-9831CS adapter

TP-8610CS OPTI-PRO™ LEAK DETECTION FLASHLIGHT
Cordless, economical, true UV (violet light) LED leak detection flashlight. Provides optimal fluorescent dye response and contrast. Power comparable to high-intensity 100-watt lamps. Works with all Tracerline® universal/ester and PAG A/C dyes. Inspection range of up to 15 feet (4.6 m). Lanyard, belt holster, fluorescence-enhancing glasses and 3 “AAA” batteries included.

TP-3405CS DYE-Lite® REFILL BOTTLES
1 oz (30 ml)
TP-3840-0001CS All-In-One™ standard dye for all oil-based fluid systems. Services 1 vehicle.
TP-3900-0001CS Fluoro-Lite® universal/ester dye for all A/C systems. Services up to 4 vehicles.

TP-9870CS EZ-Ject™ UNIVERSAL/ESTER A/C DYE CARTRIDGE
Works with all refrigerants. ½ oz (14.8 ml) cartridge services up to 14 vehicles.

TP-9860CS EZ-Ject™ R-1234yf/PAG A/C DYE CARTRIDGE
Works with all R-1234yf/PAG systems. ½ oz (14.8 ml) cartridge services up to 14 vehicles.

TP-9831CS R-1234yf ADAPTER FITTING
Versatile. Adapts R-134a hoses to R-1234yf system low-side service port.

TP-8620CS OPTI-Lite™ LEAK DETECTION FLASHLIGHT
Cordless, compact, economy blue light LED leak detection flashlight. Features 6 bright LEDs with 100,000-hour service life. Inspection range of up to 2 feet (0.6 m). Fluorescence-enhancing glasses and 3 “AA” batteries included.

TP-8640CS OPTIMAX JR™ LEAK DETECTION FLASHLIGHT
Powerful, ultra-compact, cordless blue light LED leak detection flashlight. Features super-bright LED with 100,000-hour service life. Inspection range of up to 6 feet (1.8 m). Fluorescence-enhancing glasses and 3 “AA” batteries included.

TP-9357CS Vio-BLU™ LEAK DETECTION FLASHLIGHT
Cordless, compact and powerful dual-head LED leak detection flashlight. Features high-output true UV (violet light) LED and super-bright blue light LED. Provides optimized fluorescent dye response and contrast. All leaks glow brilliantly! 100,000-hour LED service life. Inspection range of up to 15 feet (4.6 m). Belt holster, fluorescence-enhancing glasses and 3 “AAA” batteries included.

TAMPER-EVIDENT STRAPS AND SLEEVES
Protect vehicle A/C systems against refrigerant cross-contamination and unqualified repairs. Warranty your work and ensure return business. Safeguard your recovery equipment!

TP-30 TAMPER-EVIDENT SLEEVES
Contains 10 heat-shrink sleeves with serial numbers, matching labels and tape, all packaged in a convenient storage bag.

TP-31 TAMPER-EVIDENT STRAPS
Contains 10 tamper-proof tie straps with serial numbers and matching labels, all packaged in a convenient storage bag.

TP-300 TAMPER-EVIDENT SLEEVES
Contains 10 heat-shrink sleeves with serial numbers, matching labels and tape, all packaged in a convenient storage bag.

TP-310 TAMPER-EVIDENT STRAPS
Contains 10 tamper-proof tie straps with serial numbers and matching labels, all packaged in a convenient storage bag.

Red “CS” part number suffix denotes full-color, hanging clamshell packaging.
Seals leaks in compressors, condensers, evaporators, accumulators, O-rings and hoses — quickly and permanently. Compatible with all popular refrigerants, including R-1234yf.* Non-polymer, oil-soluble formula is safe for A/C system components and recovery equipment. Also ideal for preventive maintenance.

*Not for use in hybrid vehicles with electrically driven A/C compressors. For R-1234yf systems, use TP-9831CS adapter.

**SUGGESTED DYE DILUTION RATIOS**

<table>
<thead>
<tr>
<th>FLUID</th>
<th>ALL-IN-ONE™ FULL-SPECTRUM OIL DYES</th>
<th>HOW MUCH TO USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil (Includes Synthetics)</td>
<td>Gasoline</td>
<td>1/2 oz per 4-6 qt (14.8 ml per 3.6-5.7 L)</td>
</tr>
<tr>
<td></td>
<td>Diesel</td>
<td>1 oz per 4 qt (30 ml per 3.8 L)</td>
</tr>
<tr>
<td></td>
<td>Power Steering</td>
<td>1 oz per 4 qt (30 ml per 3.8 L)</td>
</tr>
<tr>
<td></td>
<td>Automatic Transmission</td>
<td>2 oz per 12 qt (59 ml per 11.4 L)</td>
</tr>
<tr>
<td></td>
<td>Fuel (Gasoline and Diesel)</td>
<td>2 oz per 12-18 gal (59 ml per 45.4-68.1 L)</td>
</tr>
<tr>
<td></td>
<td>Hydraulics (Synthetic or Petroleum-Based)</td>
<td>2 oz per 8 gal (59 ml per 30.3 L)</td>
</tr>
<tr>
<td></td>
<td>Light-To-Medium Colored</td>
<td>2 oz per 8 gal (59 ml per 30.3 L)</td>
</tr>
<tr>
<td></td>
<td>Very Dark or Intensely Blue</td>
<td>1 oz per 4 gal (30 ml per 15.1 L)</td>
</tr>
<tr>
<td></td>
<td>HOW MUCH TO USE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TP-3400</td>
<td>1/2 oz per 4-6 qt (14.8 ml per 3.6-5.7 L)</td>
</tr>
<tr>
<td></td>
<td>TP-3405</td>
<td>1 oz per 4-6 qt (30 ml per 3.6-5.7 L)</td>
</tr>
</tbody>
</table>

| FLUID | APPLICATION-SPECIFIC WATER-BASED DYES | PRODUCT NUMBER | HOW MUCH TO USE |
|-------|-----------------------------------|-----------------|
| Conventional Coolant | | TP-3900 | 1 oz (30 ml) per 6 gal (22.7 L) coolant |
| Rite-Blend™ Universal Coolant Dye (GM approved) | | TP-3940 | 1 oz (30 ml) per 6 gal (22.7 L) coolant |

<table>
<thead>
<tr>
<th>FLUID</th>
<th>BOTTLED A/C DYES</th>
<th>PRODUCT NUMBER</th>
<th>STANDARD VEHICLE</th>
<th>LARGER A/C SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal/ester</td>
<td>for all A/C Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-134a/R-1234yf PAG</td>
<td></td>
<td>TP-3840</td>
<td>1/4 oz (7.4 ml) for every 3 lbs (1.4 kg) of refrigerant or 10 oz (300 ml) of lubricant</td>
<td></td>
</tr>
<tr>
<td>R-134a/R-1234yf PAG</td>
<td></td>
<td>TP-3820</td>
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<tr>
<th>FLUID</th>
<th>BOTTLED A/C DYES</th>
<th>PRODUCT NUMBER</th>
<th>STANDARD VEHICLE</th>
<th>LARGER A/C SYSTEMS</th>
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</thead>
<tbody>
<tr>
<td>BigEZ™ Universal/ester</td>
<td>R-134a/R-1234yf PAG</td>
<td>TP-9770</td>
<td>1/4 oz (7.4 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant</td>
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<tr>
<td>EZ-Ject™ Universal/ester</td>
<td>R-134a/PAG</td>
<td>TP-9870</td>
<td>0.095 oz (1 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant</td>
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<tr>
<td>EZ-Ject™ Universal/ester</td>
<td>R-1234yf/PAG</td>
<td>TP-9860</td>
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<tr>
<td>EZ-Ject™ Universal/ester</td>
<td>R-1234yf/PAG</td>
<td>TP-9860CS</td>
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Red "CS" part number suffix denotes full-color, hanging clamshell packaging.