

TRACERLINE®

LEAK DETECTION and DIAGNOSTIC TOOLS



Used and approved by

- Acura • Aston Martin • Audi • BMW • Chrysler
- Daimler • Ferrari • Fiat • Ford • GM • Honda
- Hummer • Hyundai • Jaguar • Jeep • Kia
- Mitsubishi • Mazda • Nissan • Peugeot • Porsche
- Renault • Saab • Volvo • VW and other major OEMs



Pinpoint the Exact Source of All These Leaks:

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



View our “Eco-Friendly”, full line
catalog online at www.tracerline.com



TRACER PRODUCTS
A Division of Spectronics Corporation

The World Leader in Leak Detection Since 1955

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!**

TRACERLINE® 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.

CORDLESS LED LEAK DETECTION FLASHLIGHTS



TP-8610CS OPTI-PRO™

**Cordless, Economical, True UV (Violet Light)
LED Leak Detection Flashlight**

- Provides optimal fluorescent dye response and contrast, ensuring all leaks glow brilliantly!
- Power comparable to high-intensity 100-watt lamps
- Inspection range of 15 feet (4.6 m) or more
- 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
- 100,000-hour LED service life
- Powered by 3 AAA batteries (included)
- Fluorescence-enhancing glasses, belt holster and lanyard



TP-8655 OPTI-PRO™ Plus

**Cordless, Rechargeable, True UV
(Violet Light) LED Leak Detection Flashlight**

- Provides optimal fluorescent dye response and contrast, ensuring all leaks glow brilliantly!
- Power comparable to high-intensity 125-watt lamps
- Inspection range of 20 feet (6.1 m) or more
- 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
- 100,000-hour LED service life
- Convenient on-board recharging
- Powered by one rechargeable lithium-ion battery (included)
- Provides 4 hours of continuous inspection between charges
- Smart charger with AC plug
- Fluorescence-enhancing glasses and lanyard



TP-8630 OPTI-PRO™ Max

**Cordless, Rechargeable, Powerful, True UV
(Violet Light) LED Leak Detection Flashlight**

- Provides optimal fluorescent dye response and contrast, ensuring all leaks glow brilliantly!
- Power comparable to high-intensity 150-watt lamps
- Inspection range of 25 feet (7.6 m) or more
- 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
- 100,000-hour LED service life
- Convenient on-board recharging
- Powered by one rechargeable lithium-ion battery (included)
- Provides 4 hours of continuous inspection between charges
- Smart charger with AC plug
- Fluorescence-enhancing glasses and lanyard



TP-9357CS Vio-Blu™

**Cordless, Dual-Head, True UV (Violet Light)/
Blue Light LED Leak Detection Flashlight**

- Features a high-output true UV LED on one end and a super-bright blue light LED on the other for incredible versatility and dye response
- Power comparable to high-intensity 100-watt lamps
- Inspection range of 15 feet (4.6 m) or more
- 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*
- 100,000-hour LED service life
- Powered by 3 AAA batteries (included)
- Fluorescence-enhancing glasses and belt holster

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

Red "CS" part number suffix denotes full-color, hanging clamshell packaging

A/C DYES, OILS and INJECTION METHODS

**Co-Solvent
Free**



EZ-Shot™ Injector Kit

Fastest! Perfect for High-Volume Shops!

TP-9790 Universal/Ester—low side.
For R-134a systems.

**Meet SAE
J2297**



8 oz (237 ml) cartridges also fit
most popular caulking gun injectors.

**Compatible
with R-1234yf**



8 oz (237 ml)
dye cartridge
treats up to
64 vehicles



8 oz
(237 ml)
oil cartridge

BIG EZ™ A/C Dye Cartridges

Prefilled! Disposable!

TP-9770-0108 (1) Universal/Ester
TP-9760-0108 (1) R-134a/PAG

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

*GM-approved viscosity

Patented

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

Patented

Mini-EZ™ Injector Kits

Single Billable Dosing!

TP-9891 Universal/Ester—low side
TP-9890 R-134a/PAG—low side



For simplicity and convenience,
multi-dose EZ-Ject and single-
dose Mini-EZ cartridges both fit
the EZ-Ject injector assembly.

EZ-Ject™ A/C Dye Cartridges

Prefilled! Disposable!

TP-9870CS (1) Universal/Ester
TP-9870-0601 (6) Universal/Ester
TP-9860CS (1) R-1234yf/PAG
TP-9860-0601 (6) R-134a/PAG

Mini-EZ™ A/C Dye Cartridges

Prefilled! Single-Dose!

TP-9875-0601 (6) Universal/Ester
TP-9865-0601 (6) R-134a/PAG



Syringe A/C Dye Injector

Refillable!

TP-3849CS Complete kit for R-134a
systems. Includes syringe injector, hose/
coupler with check valve, purge fitting
and 1 oz (30 ml) bottle of Fluoro-Lite®
universal A/C dye.

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



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.



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-3840-0601 (6) 1 oz (30 ml)
TP-3840-0008 (1) 8 oz (237 ml)

R-134a/PAG

TP-3820-12025 (12) 1/4 oz (7.4 ml)
TP-3820-0601 (6) 1 oz (30 ml)
TP-3820-0008 (1) 8 oz (237 ml)

Also available in larger sizes

Red "CS" part number suffix denotes full-color, hanging clamshell packaging

DIAGNOSTIC TOOLS

**Meets SAE
J1627**

**Meets SAE
J2791**

**Intrinsically
Safe!**

**Labor
Saver!**

Electronic Refrigerant Leak Detector

TP-9360 PRO-Alert™

Features high-performance heated-diode sensor technology! Certified to meet SAE J1627 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

Electronic Refrigerant Leak Detector

TP-9364 PRO-Alert 2791™

Utilizes state-of-the-art infrared sensor technology. Certified to meet SAE J2791 standard for 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 combustible/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, EVAP system 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 weatherstripping 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

View video



OEM-Grade Kits



TP-8656 OPTI-PRO™ Plus/ EZ-Shot™ A/C Kit *Professional!*

Features the
TP-8655 OPTI-PRO™ Plus
Cordless, rechargeable, true UV
(violet light) LED leak detection
flashlight!

Kit also includes:

- EZ-Shot™ A/C dye injection gun
- R-134a hose/coupler and purge fitting
- 8 oz (237 ml) BigEZ™ R-134a/PAG multi-dose A/C dye cartridge for servicing up to 64 vehicles
- 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Rugged carrying case

New!



TP-8657 OPTI-PRO™ Plus/ EZ-Ject™ Complete Leak Detection Kit *Most Versatile!*

Features the
TP-8655 OPTI-PRO™ Plus
Cordless, rechargeable, true UV
(violet light) LED leak detection
flashlight!

Kit also includes:

- EZ-Ject™ A/C dye injector
- R-134a hose/coupler and purge fitting
- EZ-Ject™ R-134a/PAG multi-dose A/C dye cartridge for servicing up to 14 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® Rite-Blend™ extended life, water-based coolant dye
- Fluorescence-enhancing glasses
- Rugged carrying case

New!

OPTI-PRO™ Kits



TP-8616 EZ-Shot™ A/C Kit *Most Affordable!*

Features the
TP-8610 OPTI-PRO™
Cordless, true UV (violet light)
LED leak detection flashlight!

Kit also includes:

- EZ-Shot™ A/C dye injection gun
- R-134a hose/coupler and purge fitting
- 8 oz (237 ml) BigEZ™ universal/ester A/C dye cartridge for servicing up to 64 vehicles
- 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Rugged carrying case

**Treats up to
64 Vehicles**



TP-8617 EZ-Ject™ A/C and Fluid Kit *Most Complete!*

Features the
TP-8610 OPTI-PRO™
Cordless, true UV (violet light)
LED leak detection flashlight!

Kit also includes:

- EZ-Ject™ A/C dye injector
- R-134a hose/coupler and purge fitting
- EZ-Ject™ universal/ester A/C dye cartridge for servicing up to 14 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® water-based coolant dye
- Fluorescence-enhancing glasses
- Rugged carrying case

**Popular
Seller!**

OPTI-Lite™ Kit



TP-8621 LeakFinder™ *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 fluids
- 1 oz (30 ml) bottle of Dye-Lite® water-based coolant dye
- 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Rugged carrying case

**Budget
Friendly!**

FLUID DYES

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.



Coolant Dye

For all water-based fluids. Works with all leak detection lamps.



Extended-Life Coolant Dye Rite-Blend™

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.	-0008 (1) 8 oz (237 ml)
	-0016 (1) 16 oz (473 ml)
	-0032 (1) 32 oz (946 ml)
	-0100 (1) 1 gal (3.8 L)

TP-3405CS Standard formula. 1 application per bottle.
(1) 1 oz (30 ml).

TP-3405 1 oz (30 ml) bottle. Must be ordered in quantities of six.

TP-3400-0601 Twice as concentrated! 2 applications per bottle.
(6) 1 oz (30 ml)

TP-3900-12025 (12) 1/4 oz (7.4 ml)

TP-3900-0001CS (1) 1 oz (30 ml)

TP-3900-0601 (6) 1 oz (30 ml)

TP-3940-0601 (6) 1 oz (30 ml)

Red "CS" part number suffix denotes full-color, hanging clamshell packaging

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 treats up to 2.9 pounds (1.3 kg) of refrigerant or 15 oz (444 ml) of oil.

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

TP-9812 includes EZ-Ject™ dye 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.



Mini-EZ™ Hybrid Dye Replacement Cartridges

TP-9811-0301 (3) 0.25 oz (7.4 ml) dye cartridges, individually 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 and one BigEZ™ hybrid/ester oil cartridge.



BigEZ™ Hybrid Vehicle A/C Oil Cartridge

TP-9775-0104 (1) 4 oz (118 ml) oil cartridge wrapped in a moisture-resistant foil pouch with desiccant bag.

Hybrid A/C Compressor Oil

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.



DYED REFRIGERANT OILS

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 hybrid vehicles with electrically driven A/C compressors.



Universal/Ester Oil with UV Dye

Universal formula designed for both PAG and mineral oil A/C systems

Product No.	Viscosity (cSt)	Size
TD100E8	100	8 oz (237 ml) bottle
TD100EQ	100	32 oz (946 ml) bottle
TD100EG	100	1 gal (3.8 L) container

PAG Oil with UV Dye

Specifically developed for OEM and aftermarket R-134a A/C systems. Available in several viscosities for optimal system performance

Product No.	Viscosity (cSt)	Size
TD46P8	46	8 oz (237 ml) bottle
TD46PQ	46	32 oz (946 ml) bottle
TD46PG	46	1 gal (3.8 L) container
TD100P8	100	8 oz (237 ml) bottle
TD100PQ	100	32 oz (946 ml) bottle
TD100PG	100	1 gal (3.8 L) container
TD150P8	150	8 oz (237 ml) bottle
TD150PQ	150	32 oz (946 ml) bottle
TD150PG	150	1 gal (3.8 L) container



CLAMSHELL PACKAGED PRODUCTS



**BigEZ™ 4 oz (118 ml)
Fluorescent A/C Dye Cartridges**
Also fit most popular caulking gun and pump-type dye injectors. Treat up to 32 vehicles.

TP-9770-0004CS Universal/ester
TP-9760-0004CS R-134a/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. Treats up to 14 vehicles.



TP-3849CS
LeakFinder™ A/C Syringe Injector Kit

Includes the TP-9881 syringe injector, hose/coupler with check valve, purge fitting and 1 oz (30 ml) bottle of universal/ester A/C dye.



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. 100,000-hour LED service life. Inspection range of up to 15 feet (4.6 m). Lanyard, 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-31

Tamper-Evident Straps

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



TP-30

Tamper-Evident Sleeves

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



Dye-Lite® 1 oz (30 ml) Refill Bottles
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 all water-based 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 treats 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 treats up to 14 vehicles.



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.



TP-25

Drip Plugs

Made of special absorbent foam to soak up residual dye in low-side hose coupler. Prevents messy toolboxes. Keeps hands dye-free. Come 25 to a pack.



COOL SEAL™ A/C LEAK SEALER

Seals leaks as large as 0.020 inch (0.5 mm) 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.



VIEW VIDEO

TP-2210CS

Cool Seal™ Syringe Injector Kit

Easy to Use!

Includes TP-2272 hose/coupler with check valve, purge fitting and prefilled, disposable syringe of Cool Seal™ A/C leak sealer. Services 1 vehicle.



TP-2200-0102CS

Cool Seal™ Bottled A/C Leak Sealer

Most Economical!

2 oz (60 ml) bottle services 2 vehicles. Requires TP-9882 refillable injector.

TP-2211CS

Cool Seal™ A/C Leak Sealer Replacement Syringe

Prefilled and disposable!

Services 1 vehicle.

TP-2270-0102CS

Cool Seal™ BigEZ™ Cartridge

Multi-dose and disposable!

Works with BigEZ™, EZ-Shot™ and most popular caulking gun-style injectors. Can also be used with EZ-Ject™ injector using TP-2271 adapter and TP-2272 hose/coupler. Large, prefilled 2 oz (60 ml) cartridge services 2 vehicles.



BigEZ™ Injector

EZ-Shot™ Injection Gun

EZ-Ject™ Injector & Adapter

SUGGESTED DYE DILUTION RATIOS

Dye-Lite® All-In-One™ Full-Spectrum Oil Dyes		
FLUID	HOW MUCH TO USE	
	TP-3400	TP-3405
Engine Oil (Includes Synthetics)		
Gasoline	1/2 oz per 4-6 qt (14.8 ml per 3.8-5.7 L)	1 oz per 4-6 qt (30 ml per 3.8-5.7 L)
Diesel	1/2 oz per 4 qt (14.8 ml per 3.8 L)	1 oz per 4 qt (30 ml per 3.8 L)
Power Steering	1/2 oz per 4 qt (14.8 ml per 3.8 L)	1 oz per 4 qt (30 ml per 3.8 L)
Automatic Transmission	1 oz per 12 qt (30 ml per 11.4 L)	2 oz per 12 qt (59 ml per 11.4 L)
Fuel (Gasoline and Diesel)	1 oz per 12-18 gal (30 ml per 45.4-68.1 L)	2 oz per 12-18 gal (59 ml per 45.4-68.1 L)
Hydraulics (Synthetic- or Petroleum-Based)		
Light-to-Medium Colored	1 oz per 8 gal (30 ml per 30.3 L)	2 oz per 8 gal (59 ml per 30.3 L)
Very Dark or Intensely Blue	1 oz per 4 gal (30 ml per 15.1 L)	2 oz per 4 gal (59 ml per 15.1 L)

Dye-Lite® Application-Specific Water-Based Dyes		
FLUID	Product Number	How Much to Use
Engine Coolant and Auto Body Leaks	TP-3900	1 oz (30 ml) per 6 gal (22.7 L) coolant or water
Rite-Blend™ Extended-Life Coolant Dye (GM approved)	TP-3940	1 oz (30 ml) per 6 gal (22.7 L) coolant

Fluoro-Lite® Bottled A/C Dyes			
Refrigerant/Lubricant	Product Number	Standard Vehicle	Larger A/C Systems
Universal/ester — for all A/C Systems	TP-3840	1/4 oz (7.4 ml)	1/4 oz (7.4 ml) for every 3 lbs (1.4 kg) of refrigerant or 10 oz (300 ml) of lubricant
R-134a/PAG	TP-3820		

A/C Dye Cartridges			
Refrigerant/Lubricant	Product Number	Standard Vehicle	Larger A/C Systems
BigEZ™			
Universal/ester	TP-9770	1/8 oz ^① (3.7 ml)	1/4 oz (7.4 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant
R-134a/PAG	TP-9760		
EZ-Ject™			
Universal/ester	TP-9870	0.035 oz ^① (1 ml)	0.07 oz (2.1 ml) per 5 lbs (2.3 kg) of refrigerant or 10 oz (300 ml) of lubricant
R-134a/PAG	TP-9860		
R-1234yf/PAG	TP-9860CS		

① Equivalent to 1 line on cartridge



TRACER PRODUCTS
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