

# INSTRUCTION MANUAL

# A/C UV Dye + Sealant Series

## TPDS-1G, TPDS-5G, TPDS-55G



English



www.tracerproducts.com 265 Spagnoli Road, #100, Melville, NY 11747 USA 800-641-1133 • 516-333-1254

### TPDS-1G, TPDS-5G, TPDS-55G A/C UV Dye + Sealant Series for R-1234yf/R-134a

#### **APPLICATION & INSPECTION**

#### NOTE:

There is no need to clean any surface of the A/C system before adding the TPDS. All petroleum products have a natural blue fluorescence under ultraviolet light in contrast to the UV dye's green glow. Concentrated UV dye may stain hands and clothing. Wipe all spills immediately to prevent damage to paints and finishes.

A/C System Size:	Automotive	Light Truck	Heavy Truck
Recommended Dosage:	1 ounce (30 ml) of TPDS for every 10 ounces (300 ml) of compressor oil		

#### APPLICATION

#### 1. Add the UV dye to an operating A/C system

- Using a Tracerline<sup>®</sup> UV dye injector
- Automotive, light truck or heavy truck A/C systems require only 1 ounce (30 ml) of TPDS for every 10 ounces (300 ml) of compressor oil

#### 2. Operate the A/C system

- Mix the TPDS with the system's compressor oil
- Smaller leaks may require more circulating time
- As the refrigerant escapes, it will leave a trace of compressor oil and UV dye at all points of leakage

#### 3. Turn OFF the engine

- Inspect possible leak areas with a high intensity Tracerline<sup>®</sup> flashlight
- In hard-to-reach areas, use a mirror to reflect the light, or wipe suspected areas with a clean cloth
- Check the cloth with the flashlight for fluorescence
- All leaks will show with a bright green glow

#### NOTE:

If no leak is found, instruct the customer to return with the vehicle at a later date to allow time for the fluorescent UV dye to collect around the leak sites.

#### 4. After the leaks are repaired

- Clean the remaining UV dye from the leak sites with Tracer Products' GLO-AWAY™ PLUS UV dye cleaner/remover or a shop cleaner
- The remaining UV dye could be mistaken for a leak
- Check all areas again with the flashlight to make sure that no UV dye remains
- Run the engine for another 5 to 10 minutes and reinspect with the flashlight to be sure that all leaks have been repaired, and no new leaks appear
- It is not necessary to change the compressor oil after adding the tracer dye
- When used properly, TPDS can safely remain in the A/C system until the oil is changedafter application
- The product is compatible with all common refrigerants and compressor oils
- For optimal performance, the A/C system should be run regularly after application



- KEEP OUT OF REACH OF CHILDREN.
- AVOID CONTACT WITH THE EYES OR SKIN.
  - WEAR PROTECTIVE EYEWEAR.
  - WIPE ALL SPILLS IMMEDIATELY.
  - WASH THOROUGHLY AFTER HANDLING.
    - MAY DAMAGE PAINTS AND FINISHES.
    - MAY STAIN HANDS AND CLOTHING.
- STORE IN A COOL PLACE AWAY FROM SUNLIGHT. STORE AT 40-100° F (4.4-37.7° C).
  - STORE IN A CLIMATE CONTROLLED, DRY AREA.
- DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

For product information and technical assistance, call us at **1-800-641-1133**. Outside the United States, call 1-516-333-1254. For SDS information, visit <u>tracerproducts.com/safety-data-sheet</u>. Emergency # 1-800-424-9300 (24 Hours) CHEMTREC.

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