

Dye-Lite® TP-3100 Series

Dye-Lite® fluorescent leak detection dyes are used in conjunction with TRACERLINE® ultraviolet or UV/blue light flashlights to pinpoint leak sources in gasoline and diesel engines, automatic transmissions, power steering, fuel, hydraulic and cooling systems.

Dye-Lite® Fluorescent Leak Detection Dye TP-3100 for Diesel Engine Oil

For best inspection results, use a high-intensity Tracerline® UV or UV/blue light flashlight. You must wear the glasses supplied with the inspection flashlight to protect your eyes and to make leaks clearly visible. The dye will show best under low light conditions.

PLEASE NOTE

Wipe all dye spills *immediately* to prevent damage to paints, finishes and bumpers.
Dye may stain hands and clothing.

Adding Dye and Inspecting for Leaks

1. Turn OFF the engine. Add the dye through the oil fill port. Use 1 ounce (30 ml) of dye for every 4 to 5 quarts (3.8 to 4.7 liters) of oil. If the oil is very dirty, you may need to add more dye to obtain a good fluorescent response (additional dye will not harm the engine) or change the oil before adding the dye.
2. Run the engine for 5 to 10 minutes so the oil and dye will mix well. Use a Tracerline® ultraviolet or blue light flashlight to inspect the dipstick or oil fill port and check for a bright fluorescent response. Add more dye if needed. A short road test is recommended to allow the dye to penetrate all leaks prior to inspections.

SAFETY

Wear approved safety glasses or goggles whenever using an ultraviolet or UV/blue light flashlight or servicing any motor vehicle.

3. Turn OFF the engine. Inspect possible leak areas of the engine with the Tracerline® flashlight. In hard to reach areas, use a mirror to reflect the light. As an alternative, wipe underneath suspected fittings with a nonfluorescent cloth and check the cloth with the flashlight for traces of the fluorescent dye. *All leaks will show with a bright yellow-green fluorescent glow.* The glow will show up best under low light conditions.
4. After the leaks are repaired, clean the remaining dye from the leak sites with Tracer Products' GLO-AWAY™ PLUS dye cleaner/remover or a general-purpose shop cleaner. Remaining dye could be mistaken for a leak indication. Check all areas again with the inspection flashlight to make sure that no dye remains. Then run the engine for another 5 to 10 minutes and reinspect with the flashlight to be sure that all leaks have been successfully repaired and no new leaks appear.



CAUTION

Keep out of reach of children. Store in a cool place away from direct sunlight, heat sources and open flame. May be harmful or fatal if swallowed. May cause eye, skin and respiratory irritation. Wash thoroughly after handling. Wipe all dye spills promptly. Dye may stain hands and clothing.

For product information and technical assistance, call us at 1-800-641-1133. Outside the United States, call 1-516-333-1254. Consult the Safety Data Sheet (SDS) on our website at www.tracerproducts.com.

Manufactured by:

TRACER PRODUCTS
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