

MICROLON PRODUCTS

AWARD WINNING METAL TREATMENT TECHNOLOGY



Diesel Engine Treatment Application Procedure



The instructions are covered step-by-step on this page and it is recommended that you carefully read all instructions prior to installation.

If you are treating your wheel bearings, differential, or your transmission these need to be done prior to the engine treatment because once the engine application is done you need to start your driving.

- 1. Oil Change and Filter.** It is always best to change the oil and oil filter before installing the Diesel Engine Treatment kit. However if you have recently (less than 1000 miles ago) changed your oil you can skip this step. Please note if you use an oil filter that filters 10 micron or less you should use a standard filter for this treatment process. It is also important to drain out or omit the same amount of oil as Compound 90 you will be adding in the first treatment when completing oil change. After treating your engine with Microlon, do not change the oil for at least 1,000 miles. Thereafter, changing oil in accordance with your vehicle's recommended schedule is best.
- 2. Fuel Filter.** We recommend a clean fuel filter, a dirty filter could trap some or the resin and minimize the effectiveness of the treatment.
- 3. Add Microlon Fuel Treatment.** (Choose the method that works best for you)

Option 1: Microlon fuel system treats the top of your engine through the fuel system. Make sure to shake the Fuel System Treatment well before adding to a **¼ tank or less** of fuel. The ¼ tank is required to get the top of the engine treated in the shortest possible time.

Option 2: Vehicles with two fuel tanks and a selector switch between tanks should have the entire treatment put in one tank. Fill that tank with no more than 10 gallons of fuel and add entire amount of Diesel fuel treatment to same tank. During the 100-mile drive run the tank as low as possible before switching to full tank.

Option 3: The fastest Fuel System Treatment – eliminates the need to run with low fuel levels. Typically performed by mechanics only. Mechanics remember you are responsible for this engine allowing air in the fuel system will cause dieseling or a runaway engine which can cause engine damage. To complete this process, disconnect the fuel line between the fuel filter and the engine and add a "T" between them. Run a line from the "T" with a shutoff valve to a reservoir, which contains the Fuel System Treatment (FST). Run engine, then open valve to allow FST to flow into engine, you should have both fuel and FTS running into the engine at this time not just FST. Do not run FST completely dry to avoid the intake of air, repeat until all FST has been used. Add fuel to reservoir and repeat one final time to allow all of the FST to get into engine.

- 4. Shake Well. Shake Well. Shake Well.** Start engine and let it run until it reaches normal operating temperature. Shake Microlon products thoroughly (one to two minutes) before adding to warm engine. The Microlon resin is held in suspension only after being shaken thoroughly up from the bottom.

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5. **Add Microlon to the crankcase.** Microlon treats your engine through the oil. The Microlon Treatment works best when added to a running engine. To add Microlon to a running engine, use a funnel to add Microlon fluid through the dipstick opening. Your engine will (require) the treatment to be split as per the chart below, repeat this procedure until all the Diesel Engine Treatment in your kit has been completely added. The entire treatment need not be done in one day, but for best results intervals between applications should be minimal.

6. **Immediately drive your vehicle for at least 100 miles.** The Microlon treatment needs this time to cleanse the engine so that the film that provides the savings and protection can form in the engine. A large part of the treatment will be finished after these 100 miles but will not be totally complete until you repeat the engine treatment for second crankcase application, reach the minimum 1000 miles and the oil and filter has been changed. By not driving immediately you allow the resin to settle and you will not see the results you are looking for. If you cannot devote the time to drive, **wait to treat your vehicle!**

Liters	Diesel Engine Treatment for Crankcase 1 st treatment	Compound 90 for Crankcase *Include in 1 st treatment	Fuel System Treatment for Fuel Tank 1 st treatment	Diesel Engine Treatment for Crankcase 2 nd treatment
1.6	32oz /946ml	8.4oz /236ml	8.4oz /236ml	N/A
2.2	32oz/946ml	16oz /473ml	16 oz/473ml	N/A
3.3	32oz/946ml	16oz /473ml	16oz /473ml	32oz/946ml
4.9	64oz /1892ml	24oz /709ml	24oz /709ml	64oz /1892ml
6.6	64oz/1892ml	32oz /946ml	32oz /946ml	64oz/1892ml
8.2	80oz /2365ml	40oz /1182ml	40oz /1182ml	80oz /2365ml
9.8	96oz /2839ml	48oz /1419ml	48oz /1419ml	96oz /2839ml
11.5	128oz /3785ml	56oz /1656ml	56oz /1656ml	128oz /3785ml
13.1	128oz /3785ml	64oz /1892ml	64oz /1892ml	128oz /3785ml
14.7	160oz /4731ml	72oz /2129ml	72oz /2129ml	160oz /4731ml
16.4	160oz/4731ml	80oz /2365ml	80oz /2365ml	160oz/4731ml

These breakdowns on first and second treatment are a general guideline; always remember Diesel Engine Treatment cannot exceed 20% of the oil capacity in any one treatment.

Note:

Under no circumstance should you inject or spray any Microlon Products or any other treatment into the air intake systems of a diesel motor. This could cause a run away motor and mechanical failure.