

MICROLON PRODUCTS

AWARD WINNING METAL TREATMENT TECHNOLOGY



Marine Diesel Engine Treatment

Treatment instructions are covered step-by-step on this page we have two treatment options. It is recommended that you carefully read all instructions prior to installation to decide which option will work best for you. These instructions will work for any type of diesel engines.

Instructions:

1. **Oil Change.** Change the oil and filter before installing the Diesel Engine Treatment or if you have changed the oil at the end of the year, you can skip this step. Important, either remove enough oil for the amount of Compound 90 you are going to add or leave out that amount when changing oil. After treating your engine with Microlon, do not change the oil for at least 20 hours. Thereafter change oil as you normally would.
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 the entire treatment should be put in one tank (Choose the one which draws gas at the lowest point) fill tank with no more than 10 gallons of fuel and add entire amount of Diesel fuel treatment to that tank. Run tank as low as possible before switching to full tank.

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. Letting cans soak in hot water for a few minutes helps release the resin and makes shaking easier.

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5. **Add Microlon to the crankcase.** Microlon also treats your engine through the oil. First bring engine to operating temperature. In colder outdoor temperatures, add Microlon to a running engine, use a funnel to add Microlon through the dipstick opening. In warmer outdoor temperatures, with engine off, take the oil filler cap off and add the Microlon. 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 run your boat for at least 1 hour.** 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 running for a hour but will not be totally complete until you repeat the engine treatment for the second crankcase application. By not running your engine 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 run the engine, **wait to treat your boat!**

Cubic Inch	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
100	1.6	32oz /946ml	8oz /236ml	8oz /236ml	N/A
200	3.3	32oz/946ml	16oz /473ml	16oz /473ml	32oz/946ml
300	4.9	64oz /1892ml	24oz /709ml	24oz /709ml	64oz /1892ml
400	6.6	64oz/1892ml	32oz /946ml	32oz /946ml	64oz/1892ml
500	8.2	80oz /2365ml	40oz /1182ml	40oz /1182ml	80oz /2365ml
600	9.8	96oz /2839ml	48oz /1419ml	48oz /1419ml	96oz /2839ml
700	11.5	128oz /3785ml	56oz /1656ml	56oz /1656ml	128oz /3785ml
800	13.1	128oz /3785ml	64oz /1892ml	64oz /1892ml	128oz /3785ml
900	14.7	160oz /4731ml	72oz /2129ml	72oz /2129ml	160oz /4731ml
1000	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.

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