



FLUSHING OIL CONCENTRATE

Treatment Instructions

INITIAL CONCENTRATED TREATMENT

Bring engine to **FULL** operating temperature. Drain existing oil and refill with new, clean oil (this can be inexpensive oil for this purpose). It is a good idea to replace the oil filter/s at this time as possible heavy contamination of the existing filter may occur during the flushing process.

Run the engine to warm up the new clean oil, then add **Flushing Oil Concentrate** to the engine oil at 0.5 ounces per quart of engine oil (12.5 mL per liter). Run the engine at a fast idle, **stationary**, for 45 minutes. For most small and medium size engines, this means 1500-2000 RPM. For larger size engines (e.g. over 9.0-liter/550 cubic inch engine displacement), run

at about 1200 RPM. Stop the engine and drain the engine oil and replace oil filter/s. Refill with quality engine oil.

Example: 5 quart/liter oil capacity = 2.5 fl oz (62 mL) of **Flushing Oil Concentrate**

5 gallon (20 liter) oil capacity = 10 fl oz (250 mL) of **Flushing Oil Concentrate**

10 gallon (40 liter) oil capacity = 20 fl oz (500 mL) of **Flushing Oil Concentrate**

Detailed instructions on reverse ->

CONTINUING MAINTENANCE

Bring engine to **FULL** operating temperature. Add **Flushing Oil Concentrate** to the engine oil at 0.1 ounces per quart (2.5 mL per liter) of engine oil. Drive/operate normally for 30 - 60 minutes, or fast idle, stationary, for approximately 30 - 45 minutes. Continue with normal oil change.

Example: 5 quart/liter oil capacity = 0.5 fl oz (12.5 mL) of **Flushing Oil Concentrate**

5 gallon (20 liter) oil capacity = 2 fl oz (50 mL) of **Flushing Oil Concentrate**

10 gallon (40 liter) oil capacity = 4 fl oz (100 mL) of **Flushing Oil Concentrate**

Detailed instructions on reverse ->

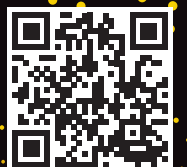


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FLUSHING OIL CONCENTRATE

Detailed Treatment Instructions

Initial Concentrated Treatment

1. Start and run the engine and bring to **FULL** operating temperature. This allows as many contaminants as possible to be suspended in the existing oil. **Don't add *Flushing Oil Concentrate*** yet.
2. Stop the engine and drain the existing engine oil while the engine is still hot. It is a good idea to replace the oil filter/s at this time as possible heavy contamination of the existing filter may occur during flushing process.
3. **Refill the engine with new, clean oil.** This new oil can be inexpensive oil, as it will only be in the engine for a short period of time.
4. Start and run the engine until it reaches operating temperature.
5. Turn off the engine and **add *Flushing Oil Concentrate*** to the engine oil at **0.5 fluid ounces per quart of engine oil** (12.5 mL per liter).
6. Restart the engine and run at fast idle, **stationary**, for 45 minutes. For most small and medium size engines, fast idle means 1500 - 2000 RPM. For larger size engines (e.g. over 9.0-liter/550 cubic inch engine displacement), run engine at about 1200 RPM.
7. After 45 minutes, stop the engine and drain the engine oil while the engine is still hot.
8. Refill the engine with new, quality engine oil. Replace engine oil filter/s. Job done!

It is strongly recommended to NOT operate the engine normally, i.e. drive etc, during the initial, highly concentrated treatment phase. Because of the very effective action of the ***Flushing Oil Concentrate***, there will be an increased amount of dissolved contaminants in the engine oil, and these contaminants may be detrimental to engine components if left suspended in the oil for an extended period of time.

Engines with many years of sludge build up may require a secondary concentrated flush soon after the initial

flush (e.g. 600 - 1200 miles, 10 - 12 hours). If this is necessary, **follow steps 1 - 4** of the Initial Concentrated Treatment instructions, then -

1. Turn off the engine and add ***Flushing Oil Concentrate*** to the engine oil at 0.25 fluid ounces per quart of engine oil (6 mL per liter). This is 1/2 the rate of the Initial Concentrated Treatment.
2. Restart the engine and operate normally for between 4 - 6 hours maximum.
3. Stop the engine and drain the engine oil while the engine is still hot.
4. Refill the engine with new, quality engine oil. Replace engine oil filter/s. Job done!

Continuing Maintenance Treatment

1. Start and run the engine and bring to **FULL** operating temperature.
2. Turn off the engine and **add *Flushing Oil Concentrate*** to the existing engine oil at **0.1 fluid ounces per quart of engine oil** (2.5 milliliters per liter)
3. Restart the engine and drive normally/operate the engine for a continuous 30-60 minutes (or fast idle, stationary, for 30 minutes) immediately prior to oil change.
4. Stop the engine and drain the engine oil while the engine is still hot.
5. Refill the engine with new, quality engine oil. Replace engine oil filter/s. Job done!

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