



PRO MAINTENANCE
Additives

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. Operate the engine to warm up the oil again, then add **Flushing Oil Concentrate** to engine oil at 0.5oz per quart (12.5ml per liter) of engine oil. Run the engine at a fast idle, stationary, for 45 minutes. For most small and medium type engines, this means 1500-2000 RPM. For larger truck type engines (e.g. Series 60 Detroit, Cats, Macks, Cummins, etc), run at about 1200 RPM. Drain the engine oil and replace oil filter/s. Refill with quality engine oil.

Example: 5 quart/liter oil pan = 2.5oz (62ml) Flushing Oil Concentrate

5 gallon (20 liter) oil pan = 10oz (250ml) Flushing Oil Concentrate

10 gallon (40 liter) oil pan = 20oz (500ml) Flushing Oil Concentrate

(More detailed instructions on next page below ↓)

CONTINUING MAINTENANCE

Bring engine to **FULL** operating temperature. Add **Flushing Oil Concentrate** to engine oil at 0.1oz per quart (2.5ml 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 pan = 0.5oz (12.5ml) Flushing Oil Concentrate

5 gallon (20 liter) oil pan = 2oz (50ml) Flushing Oil Concentrate

10 gallon (40 liter) oil pan = 4oz (100ml) Flushing Oil Concentrate



<https://proadditives.com/product/flushing-oil-concentrate>

INITIAL CONCENTRATED TREATMENT

1. Start 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. Operate 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 milliliters per liter)
6. Restart the engine and run at fast idle, **stationary**, for 45 minutes. For most small and medium type engines, fast idle means 1500 - 2000 RPM. For larger truck type engines (e.g. Series 60 Detroit, Cats, Macks, Cummins, etc.), run at about 1200 RPM.
7. After 45 mins, 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 a lot of suspended contaminants in the engine oil, and these contaminants may cause harm to engine components if left suspended in the oil for an extended period of time.

Occasionally, for an engine with years, or decades, of sludge build up, a second, follow up concentrated flush may be required soon after the initial flush (e.g. 600 - 1200 miles, 10 – 12 hours). If this is necessary, **follow steps 1 - 4** of the Initial 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 milliliters 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.

CONTINUING MAINTENANCE TREATMENT

1. Start 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!