

## Seafoam Treatment



SF16 Liquid Can (16 oz)



SS14 Spray Can (12 oz)

### SF16 Liquid can

- Pour into crankcase, 1 oz SF16 per quart of engine oil.  
Example: Oil capacity = 5 quarts ---> 5 oz
- Pour into fuel tank, 2 oz SF16 per gallon of gasoline fuel.  
Example: Gasoline stored = 3 gallons ---> 6 oz

After driving 150 miles, change engine oil & filter to remove residue out.

### SS14 Spray can

- SS14 spray nozzle into air intake.
- Start engine, make it warm maintain idling of 2000 RPM.
- Start spraying continuously, start making white smoke. Takes 5 – 7 minutes to empty.
- Stop engine after can becomes empty, remove spray nozzle, recover air intake hose.
- Wait 10 minutes for hot soak.
- Start engine, rotate engine up and down briskly until white smoke is gone.
- Drive over 10 minutes.

### (A) Smog check results 1

Test	RPM	CO2 (%)	O2 (%)	HC (PPM)			CO(%)			NO (PPM)			Results
		MEAS	MEAS	MAX	GP	MEAS	MAX	GP	MEAS	MAX	GP	MEAS	
15 mph	1488	13.68	0.07	51	269	187	0.48	1.98	2.44	419	1907	31	GROSS POLLUTER
25 mph	1495	15.40	0.03	35	219	34	0.46	1.96	0.02	706	1707	298	PASS

MAX = Maximum Allowable Emissions      AVE = Average Emissions For Passing Vehicles      MEAS = Amount Measured

**Before "Seafoam" treatment <FAILED>**

Test	RPM	CO2 (%)	O2 (%)	HC (PPM)			CO(%)			NO (PPM)			Results
		MEAS	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	
15 mph	1469	15.09	0.03	51	9	13	0.48	0.03	0.01	419	67	29	PASS
25 mph	1469	15.09	0.00	35	6	11	0.46	0.03	0.00	706	62	26	PASS

MAX = Maximum Allowable Emissions      AVE = Average Emissions For Passing Vehicles      MEAS = Amount Measured

**After "Seafoam" treatment <PASSED>**

### Result comparison (Red: Failed, Orange: Marginal)

	CO2 (%)		O2 (%)		HC (PPM)			CO (%)			NO (PPM)		
	Before	After	Before	After	MAX	Before	After	MAX	Before	After	MAX	Before	After
15 MPH	13.68	15.09	0.07	0.03	51	187	13	0.48	2.44	0.01	419	31	29
25 MPH	15.40	15.09	0.03	0.00	35	34	11	0.46	0.02	0.00	706	298	26

### (B) Smog check results 2

Test	RPM	CO2 (%)	O2 (%)	HC (PPM)			CO(%)			NO (PPM)			Results
		MEAS	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	
15 mph	1533	15.00	0.19	58	17	23	0.34	0.05	0.02	483	95	418	PASS
25 mph	1507	15.00	0.11	34	11	10	0.32	0.04	0.01	494	99	657	FAIL

MAX = Maximum Allowable Emissions      AVE = Average Emissions For Passing Vehicles      MEAS = Amount Measured

**Before "Seafoam" treatment <FAILED>**

Test	RPM	CO2 (%)	O2 (%)	HC (PPM)			CO(%)			NO (PPM)			Results
		MEAS	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	MAX	AVE	MEAS	
15 mph	1479	15.00	0.17	58	17	25	0.34	0.05	0.03	483	95	263	PASS
25 mph	1538	15.10	0.10	34	11	11	0.32	0.04	0.01	494	99	323	PASS

MAX = Maximum Allowable Emissions      AVE = Average Emissions For Passing Vehicles      MEAS = Amount Measured

**After "Seafoam" treatment <PASSED>**

### Result comparison (Red: Failed, Orange: Marginal)

	CO2 (%)		O2 (%)		HC (PPM)			CO (%)			NO (PPM)		
	Before	After	Before	After	MAX	Before	After	MAX	Before	After	MAX	Before	After
15 MPH	15.00	15.00	0.19	0.17	58	23	25	0.34	0.02	0.03	483	418	263
25 MPH	15.00	15.10	0.11	0.10	34	10	11	0.32	0.01	0.01	494	657	323