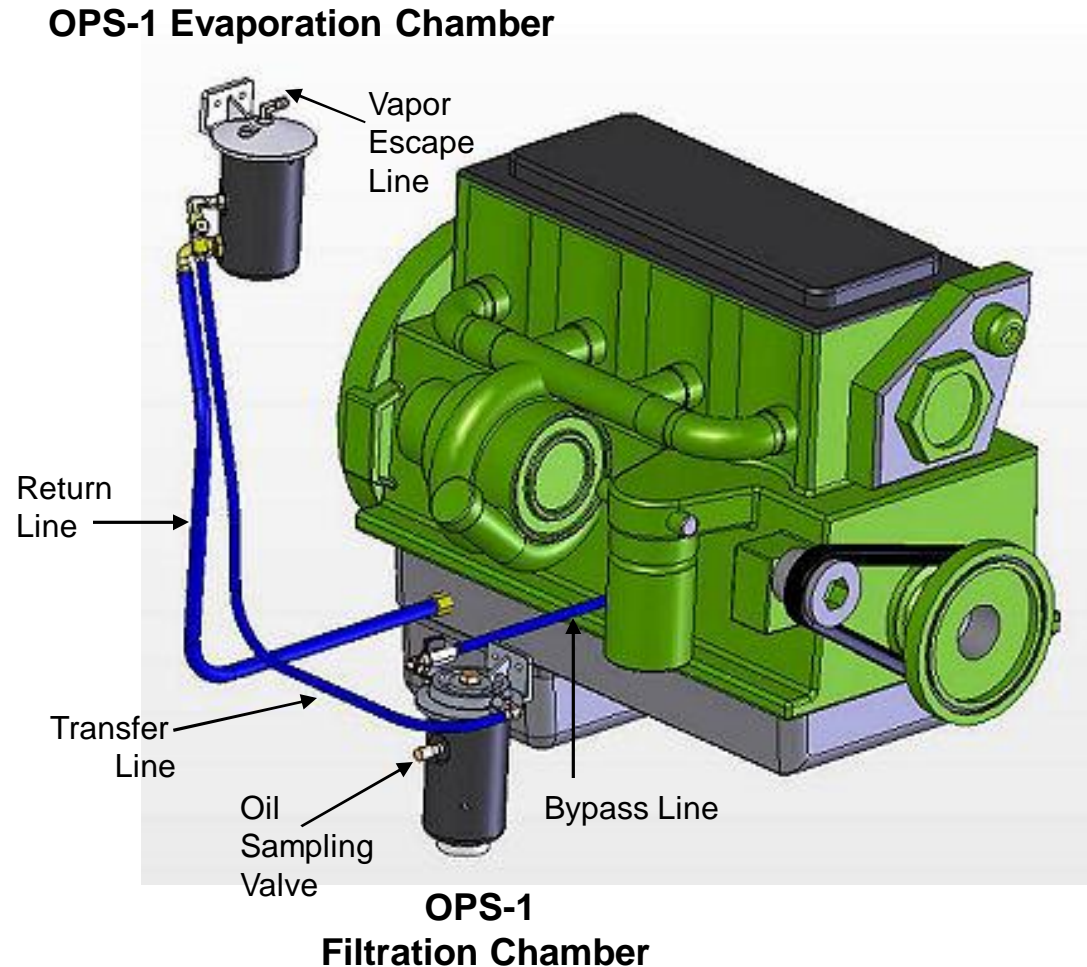


How the OPS-1 System Works

The OPS-1 is a two-stage oil refining system consisting of a filtration chamber and an evaporation chamber. Pressurized oil is diverted from the engine (approximately 5%) into the filter chamber where particles as small as 2 microns are removed. The filtered oil is then transferred to the patented evaporation chamber where liquid contaminants are evaporated and vented out of the system. Continuously cleaned oil then exits the evaporator and returns by gravity to the engine's oil reservoir.



Benefit #2: Environmental Impact

- § The U.S. produces 1.3 billion gallons of used motor oil per year:
 - § The most common method of disposal -- to burn it as fuel -- is under scrutiny. (City of Toronto has now banned burning used oil in space heaters, citing pollution risks.)
 - § 180 to 200 million gallons are disposed of improperly (US EPA)
 - § 1 gallon of oil can render 1 million gallons of fresh water undrinkable (*US EPA*)