Case Study

Hillsdale County Sheriff Vehicle

Micro Filtration

Extended Engine Oil Change to 6,500 Miles
Reducing Costs, Maintenance Hours and Environmental Waste from County Budget

In cooperation with the Hillsdale County Sheriff's Department, NTZ Micro Filtration installed it's ATF-09 engine oil filter (see photo) at 62,155 miles on car # 810. This test compared the vehicle ***with*** filtration (#810) against one without filtration (#86) for an objective view of the effects of micro filtration on fluid cleanliness. By keeping oil clean, you can continue to use your existing oil much longer.

To start the test, a fresh oil change was performed and the cleanliness rating of the oil (ISO Code) was recorded.

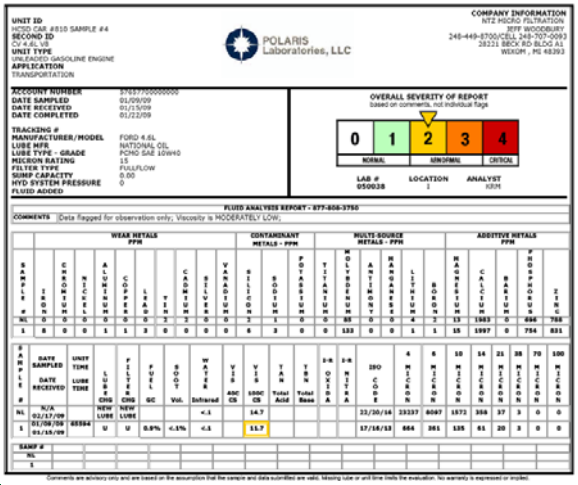
Over the course of 6,500 severe duty miles, eight (8) oil counts were taken at varying intervals to monitor and document the oil cleanliness level.

Prior to start of test, the normal oil change interval for this vehicle was performed every 3,000 miles. So, reducing the frequency of maintenance by extending oil cleanliness would yield cost savings and environmental benefits.

Test results concluded that the high efficient filter system was able to extend the oil service life by a minimum of 100%, resulting in a 50% saving on costs and a 50% reduction in environmental waste product.

Complete report and test results available by contacting NTZ Micro Filtration at 248.449.8700

Micro Filtration Technology —Engine Oil Filter


POLARIS Laboratories, LLC

Independent Lab Tests Indicate Fluid Condition

2006 Ford Crown Victoria

Vehicle History Summary

Vehicle with Filtration — Car #810 (Over 6,500 mile period)
Start ISO Code 22/20/16
Ending ISO Code: 17/15/13

Vehicle *without* Filtration — Car #86 (After 3,834 miles)
Start ISO Code 22/20/16
Ending ISO Code 26/23/14

Renew, Sustain, and Extend Your Oil with NTZ Micro Filtration

28221 Beck Road Bldg A-1, Wixom, Michigan 48393
Phone: 248.449.8700 Fax: 248.449.8706
www.ntzfilter.com