

Case Study: Engine Oil Filtration January 2013-June 2014

Tesco Corporation Houston, Texas, USA



Photo A



Photo B

APPLICATION: Engine Oil Filtration on NABU TBR Hydraulic Power Unit # 656/656.

PROBLEM: Tesco wanted to extend the life of their equipment by improving filtration capabilities from that of the traditional 10 micron OEM filter elements. High levels of contamination are being missed by these traditional filters which can cause premature wear of the engine components.

SOLUTION: Stan Sterling, Maintenance Manager for Tesco Houston division identified the benefits of installing OEI's magnetic Y-Strainer for the engine oil in order to increase the filtration efficiency down to sub-micron levels.

RESULTS: Photo B shows the amount of contamination removed after just 60 days in operation. By removing contamination down to sub-micron levels the engine pistons, valves and other essential components are being protected and their life extended.

Through the use of this oil filter in conjunction with OEI's magnetic coolant, fuel and hydraulic filters "We had a potential cost savings of 250K-300K annualized based on 25,000 operating days for Tesco rental fleet" stated Stan Sterling. Tesco is incorporating these products into other units in their rental fleet.

RECOMMENDATION: The OEI magnetic y-strainer is designed to fit into tight areas such as oil and fuel lines in order to protect system components removing contamination to sub-micron levels and increasing uptime.

For more information, contact our office at 403-242-4221 or visit our website at www.oneeyeindustries.com