## Hydraulic Oil Filtration, Hitachi EX750 : AUI Inc., Albuquerque, New Mexico

cleaner fluids mean better business

Concerned with their equipments hydraulic oil cleanliness due to high particle counts,

AUI decide to fit their Hitachi EX 750 with a KS-100-A-FM 3 in February 2004 with the aim to reduce these high ISO levels. Capacity of the system is 662litre / 175 gallons

Samples taken at 1380 hours indicated the ISO of the oil at 22/20/16 which along with cooper at 80ppm were flag on the report below, it was decided to re sample the oil in the next 100hours.





The system was re sampled at 1443 hours 63 hours after installing the KS-100-A-FM3. The report below indicates the oil now at 18/15/13 at reduction of 94% in particulate contamination, copper reduced 5 ppm which indicates these particles are sub micron level.

Vice President Steve Drennan was pleased with the results and has placed orders to fit two Hitachi's EX330 and a EX450 based on these results

