

FUEL REPORT

Sample Rating Trend

VISUAL METAL



KIOTI YFF100350

Diesel Fuel

ON-ROAD (--- GAL)

Component

DIAGNOSIS

Recommendation

Diagnostician's Note: We were unable to clean and filter the filter element. The gel has hardened and cured. The material does not dissolve in Toluene, IPA, and heptane. The gel does not melt but burns. Filter has strong sweet smell. Suspect that this may be cured industrial spray adhesive or plastic film not removed before filter was installed. We were unable to load the gel into FTIR pearl to do an infra-red scan. All tests and evaluation performed at WearCheck Canada.

Corrosion

The filter contained no appreciable wear particles. All filter wear levels are normal.

Contaminants

Wear particle analysis indicates that the other particles are abnormal.

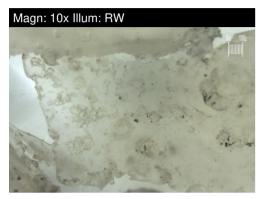
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0000489		
Sample Date		Client Info		04 Jan 2024		
Machine Age	hrs	Client Info		455		
Sample Status				ABNORMAL		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

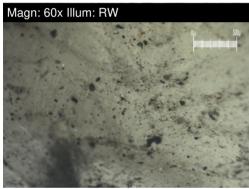


FILTER REPORT

KIOTI YFF100350

Component
Diesel Fuel
Fluid
ON-ROAD (--- GAL)





WEAR

The filter contained no appreciable wear particles. All filter wear levels are normal.