

(216) GFL227 Machine Id 414020 Component 3 Diesel Engine Fluid {not provided} (42 LTR)

RECOMMENDATION

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. We recommend that you drain the oil from the component if this has not already been done. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal. We have assumed that this component is not breaking in (age of component not reported).

CONTAMINATION

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is a moderate concentration of dirt present in the oil. Tests indicate that there is no fuel present in the oil.

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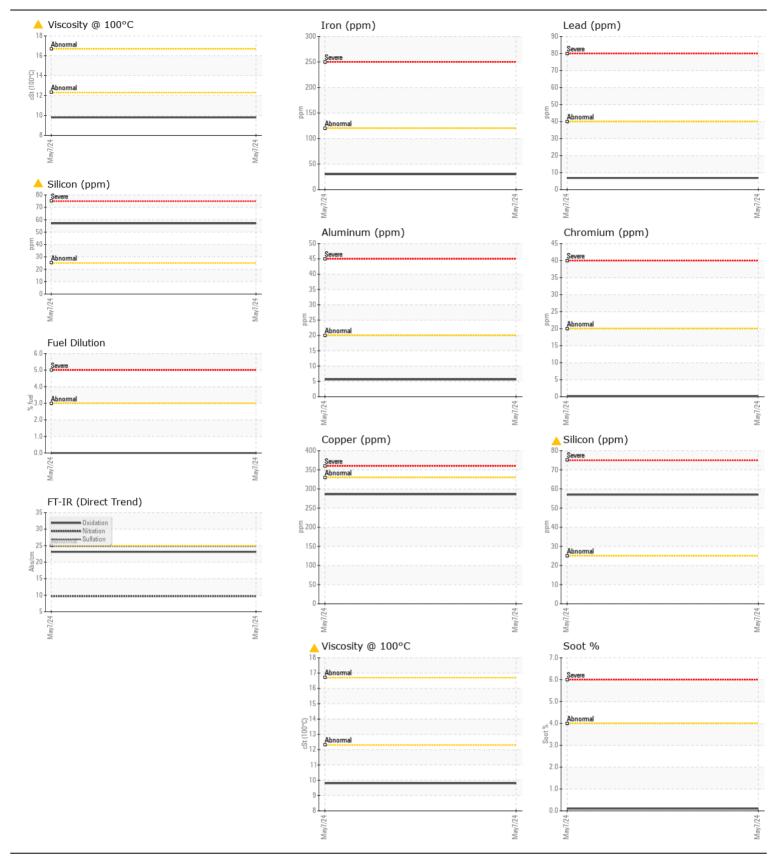
FLUID CONDITION

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The oil is no longer serviceable due to the presence of contaminants.

Test UOM Method Limit/A Current History1 History2 Sample Number Client Info GFL0113287 Sample Date Client Info I 07 May 2024 Machine Age hrs Client Info 0 Gli Age hrs Client Info 0 Gli Changed Client Info N/A Gli Changed Client Info N/A Sample Status ASIMOSISM >120 ASIMOSISM Sinder ppm ASTMD5180 >20 ASIM Nickel ppm ASTMD5180 >20 ASIM Nickel ppm ASTMD5180 >20 A Silver ppm ASTMD5180 >20 A Silver ppm ASTMD5180 >20 A Silver ppm ASTMD5180 >30 A Solver ppm ASTMD5180 >20 A							
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	Sulfur	ppm	ASTM D5185(m)		1844		
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	Visc @ 100°C	cSt	ASTM D7279(m)		<mark>▲</mark> 9.8		

Submitted By: Tom Hatzioannidis

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION ABNORMAL





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