Filter Information		Miscellaneous Information	Product Information					
Filter Type: FULLFLOW & B	SS	10 qts of 20w 50 Amsoil Dominator Diesel	Product Manufacturer: KENDALL					
Micron Rating: 0		Miscellaneous: oil + 2qts of 15w 40 Redline diesel in oil	Product Name: SUPER-D XA					
		change.	Viscosity Grade: SAE 15W40					
levels are different th to a recent change. I	OXIDATION is at a SEVERE level. Drain interval may be over-extended or unit may be running too hot. Elevated Oxidation causes acid by-products, deposits, and sludge, and can increase viscosity and wear. Flagged a levels are different than what should be present for the identified lubricant. This may have been topped off with a different lubricant, the fluid may be misidentified, or a different lubricant or formulation may have been topped off with a different lubricant, the fluid may be misidentified, or a different lubricant or formulation may have been topped off with a different lubricant, the fluid may be misidentified, or a different lubricant or formulation may have been in to a recent change. Is the FLUID MANUFACTURER, PRODUCT NAME and/or VISCOSITY GRADE correctly identified? Base Number is SLIGHTLY LOW. As Base Number depletes, the ability to neutralize acids is dim Maintenance action indicated at time of submission (fluid/filter change, filtration, etc.) will have corrected the issue this system is exhibiting. No further maintenance action is recommended at this time.							

	Wear Metals (ppm)										Cont	aminant Me	etals (ppm)		Mult	i-Source Met	als (ppm)		Additive Metals (ppm)					
# Sample	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
1	11	0	0	1	1	0	0	0	0	0	6	6	1	89	4	0	0	0	96	405	1665	0	927	1082
2	4	0	1	0	0	0	0	0	0	0	7	2	1	93	0	1	0	0	122	411	1657	0	1006	1109
3	6	0	0	0	0	0	0	0	0	0	6	3	3	101	0	0	0	0	124	419	1858	0	1071	1212
4	9	0	0	1	1	0	0	0	0	0	5	3	2	0	15	0	0	0	35	435	1080	0	875	988

		Sample Infor	mation						Contaminants	Fluid Properties							
# Sample	Date Sampled	Date Received	Lube Time e	Unit Time 🕫	Lube Change	Lube Added 🖻	Filter Change	Fuel Dilution % Vol	S Q % Vol	Water vo	Viscosity 40°C ชื	Viscosity 100 ℃ 蓉	Acid Number <sup>mg KOH/g</sup>	Base No. D4739 <sub>Wg</sub>	Oxidation abs/cm	Nitration sbs/0.1mm	
1	01-Sep-2018	10-Sep-2018	3616	47616	No	0	No	8.4 - GC	0.4 - E2412	<.1 - FTIR		12.2		4.94	15	9	
2	19-Oct-2018	25-Oct-2018	980	48856	Yes	0	Yes	<1 - Estimate	0.2 - E2412	<.1 - FTIR		13.4		5.90	12	7	
3	27-Nov-2018	07-Dec-2018	1683	49561	No	0	No	6.9 - GC	0.1 - E2412	<.1 - FTIR		12.8		5.46	12	8	
4	30-Jul-2019	07-Aug-2019	8155	61922	Yes	0	Yes	<1 - Estimate	0.3 - E2412	<.1 - FTIR		15.3		5.06	44	10	