L		
	Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Silicon is a
		(dirt, Alumina Silica), seals and gasket material, lube additive or lube supplement, and/or environmental contaminant; Flagged additives do not match current ba
		the lubricant does not meet proper API, SAE, or ISO classifications). Please provide this units sump capacity with next sample. Lubricant and filter change acknowledge
11		

		Wear Metals (ppm)										Contamin	nant		Mult	ti-Source Me	etals (ppm)		Additive Metals (ppm)					
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	n Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphoru	18 Zinc
BL	0	0	0		0	0	0	0	0	0	7	1	0	0	69	0	0	0	97	588	1714	0	1177	1260
1	11		0	2	1	0	0	0	0	0	54	7	4	1	11	1	0	0	154	159	2100	0	987	1143
	Ī				Sample In	Informa	ation							Contami	ninants					Fluid	Properties			
Sample #	t Da	ate Sampled	Date	ate Received		be Un ne	nit Time	e Lube Change	Lub Addo gal	ded Chan		Fuel Dil		Soo %		Water %	40	scosity 40°C cSt	Viscosity 100 °C cSt	ty Acid	Base No D4739 mg KOH	(o. Oxio 9 H /		Nitration bs / 0.1mm
		A 101 2010		0 101 2010	_			No	- gui	_		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~									5 5	405		<i>3</i> , 0.111111
BL		24-Jul-2019 6-Mar-2022		1-Apr-2022	0		0	No) No		<2 - Esti		< 1		<.1 - Hotplat			15.0			_		

				W	/ear Metals	ls (ppm	i)					Contamin	nant	Multi-Source Metals (ppm)							Additive Metals (ppm)						
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manga	nese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphore	18 Zinc		
BL 1	0 11	0	0	1	0	0	0	0	0	0	7	1	0 4	0	69 11	0	0		0	97 154	588 159	1714 2100	0	1177 987	1260 1143		
					Sample I	Inform	ation				T			Contami							1	Properties	-				
Sample #	≠ Da	ate Sampled	Dat	te Received		be Un	Jnit Time	e Lube Change	Lub Adde			Fuel Dilu	ution	Soo		Water			cosity 0°C	Viscosit 100 °C	ty Acid	Base N D4739	Io. Oxi 9	dation N	Nitration		
					mi	i l	mi		gal	al		%		%	o	%		с	cSt	cSt	mg KOH / ;	g g		s/cm ab	bs / 0.1mm		
BL	2	24-Jul-2019	3/	0-Jul-2019	0		0	No	0) No	5					<.1 - Hotpla	ate			15.0							
1	26	6-Mar-2022	11	1-Apr-2022	6000	0 1	130000	Yes	0) Yes	s	<2 - Estir	imate	<.1	1	<.1 - FTIR	٢			13.5							

	Particle Count (particles/mL)												
Sample #	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method			
	Based On												
	4/6/14	particles / mL											
BL	11												
1	11												

at a MODERATE LEVEL; SILICON sources can be abrasives aseline reference for the specified product (this does not imply nowledged.

Additional Testing