

OIL ANALYSIS REPORT

Sample Rating Trend





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

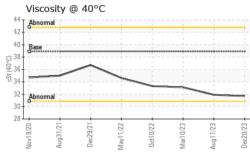
Fluid Condition

The condition of the oil is acceptable for the time in service.

Sample Number Client Info PCA0110882 PCA0102192 PCA003251 Sample Date Client Info 20 Dec 2023 11 Aug 2023 10 Mar 2023 Machine Age mits Client Info 202048 202048 176965 Dil Age mits Client Info 202048 202048 0 Dil Changed Client Info 202048 0 0 0 Dil Changed Client Info 202048 0 0 0 Sample Status Imit/Dase current History1 History2 Water WC Method >.0 NC 0 0 Vickel ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >50 23 19 17 Copper ppm ASTM D5185m >1 1 2 2 Silver ppm ASTM D5185m >1 1 2 2 Silver ppm ASTM D5185m	SAMPLE INFOR			limit/base	-		history2
Sample Date Client Info 20 Dec 2023 11 Aug 2023 10 Mar 2023 Machine Age mis Client Info 202048 202048 0 Dil Age mis Client Info 202048 202048 0 Dil Changed Client Info Changed N/A NorMAL NorMAL CONTAMINATION method limit/base current history1 history1 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history1 Vickel ppm ASTM 05185m >5 0 0 0 Vickel ppm ASTM 05185m >5 0 0 0 Read ppm ASTM 05185m >50 21 15 17 Lead ppm ASTM 05185m >50 23 19 17 Coper ppm ASTM 05185m >10 1 1 2 <t< th=""><th></th><th></th><th></th><th>mill/base</th><th></th><th>history1</th><th>history2</th></t<>				mill/base		history1	history2
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MolybdenumppmASTM D5185m00<1	Boron	ppm	ASTM D5185m		115	120	82
ManganeseppmASTM D5185m<1	Barium	ppm	ASTM D5185m		0	<1	0
AgnesiumppmASTM D5185m0<1	Molybdenum	ppm	ASTM D5185m		0	0	<1
CalciumppmASTM D5185m110125100PhosphorusppmASTM D5185m286295245ZincppmASTM D5185m7211SulfurppmASTM D5185m7211SulfurppmASTM D5185m196522091609CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20454SodiumppmASTM D5185m>2002<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORML	Manganese	ppm	ASTM D5185m		<1	<1	<1
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Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Silt	scalar		NONE	NONE	NONE	NONE
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Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water scalar *Visual NEG NEG NEG	Free Water	scalar	*Visual		NEG	NEG	NEG
05:16) Rev: 1 Submitted By: Paul Riddi	6:05:16) Rev: 1					Submitted E	By: Paul Riddick



OIL ANALYSIS REPORT



	FLUID PROP	PERTIES	method	limit/base	e current	history1	history2		
	Visc @ 40°C	cSt	ASTM D44	5 38.9	31.7	31.9	33.1		
	SAMPLE IMA	GES	method	limit/base	e current	history1	history2		
	Color				no image	no image	no image		
Mar1 0,23 Aug1 1,23 Dec20/23	Bottom				no image	no image	no image		
	GRAPHS Ferrous Alloys	May11/22 0ct10/22 0ct		Dec20/23	12				
Sample No.: PCA0110882Lab Number: 06050308Unique Number: 10816257Test Package: FLEETsample report, contact Customer						100 INDEPENDENCE BLVD COLUMBIA, SC US 29210 Contact: GEORGE EDWARDS gedwards@nwwhite.com			
methods that are outside of the ISO 17025 scope of accreditation. T:									

Te Certificate L2367 To discuss this sa * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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