

No relevant graphs to display

RECOMMENDATION	PROBLEMATIC TEST RESULTS			
We advice that you follow the water drain off	Sample Status	ABNORMAL	NORMAL	NORMAI

We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMA	NORMAL	NORMAL		
Free Water	scalar	*Visual	<u> </u>	NEG	NEG		

Customer Id: PORPORTN Sample No.: WC0843935 Lab Number: 05933996 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Water Drain-off			?	We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid.

HISTORICAL DIAGNOSIS

10 Aug 2022 Diag: Don Baldridge



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



25 Aug 2021 Diag: Wes Davis



23 Sep 2020 Diag: Don Baldridge

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.All component wear rates are normal. There is no indication of any contamination in the component(unconfirmed). The condition of the oil is acceptable for the time in service.





We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.







LADDER 2

OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend



history2

history1

2020 Aug2021 Aug2022 Aug

current

limit/base

Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 46 (GAL)

DIAGNOSIS

Machine Id

Recommendation

We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Free water present.

Fluid Condition

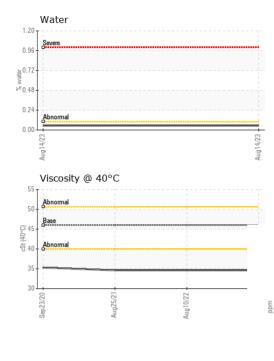
The condition of the oil is acceptable for the time in service.

Sample Date Client Info 14 Aug 2023 10 Aug 2022 25 Aug 2021 Machine Age mis Client Info 0 0 0 Oil Age mis Client Info 0 0 0 Sample Status Client Info N/A N/A N/A N/A WEAR METALS method limit/base current history1 ////////////////////////////////////		ATION	method	limit/base	current	nistory i	nistory2	
Machine AgemisClient Info0000Oil AgemisClient InfoNAN/AN/ASample StatusIImit/basecurrenthistory!Nistory!WEAR METALSmethodlimil/basecurrenthistory!history!IronppmASTM DS185m>200<1	Sample Number		Client Info		WC0843935	WC0703653	WC0609582	
Dil AgemisClient Info000Dil ChangedClient InfoN/AN/AN/AN/ASample StatusClient InfoN/AABNORMALNORMALWEAR METALSmethodlimit/basecurrenthistory1history2ironppmASTM 05185m>100<1	<1	Sample Date		Client Info		14 Aug 2023	10 Aug 2022	25 Aug 2021
Oll ChangedClient InfoN/AN/AN/ASample Statusmethodlimit/basecurrenthistory1Mistory2WEAR METALSmethodlimit/basecurrenthistory1c1ChromiumppmASTM 05185m>100<1	Machine Age	mls	Client Info		0	0	0	
Sample Status method Imit/base current history1 NORMAL WEAR METALS method Imit/base current history2 history2 ron ppm ASTM D5185m >20 0 <1	Oil Age	mls	Client Info		0	0	0	
WEAR METALS method limit/base current history1 history2 iron ppm ASTM 05185m >20 0 <1	Oil Changed		Client Info		N/A	N/A	N/A	
Iron ppm ASTM D5185n >20 0 <1 <1 Chromium ppm ASTM D5185n >10 0 <1	Sample Status				ABNORMAL	NORMAL	NORMAL	
Ppm ASTM D5185m >10 0 <1 0 Nickel ppm ASTM D5185m >10 0 0 0 0 Silver ppm ASTM D5185m 0 0 <1	WEAR METALS		method	limit/base	current	history1	history2	
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Titanium ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 0 <1	Chromium	ppm	ASTM D5185m	>10	0	<1	0	
SilverppmASTM D5185m0<10AluminumppmASTM D5185m>10C1<1	Nickel	ppm	ASTM D5185m	>10	0	<1	<1	
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AluminumppmASTM D5185m>10<1<10LeadppmASTM D5185m>100<1	<1	Silver	ppm	ASTM D5185m		0	<1	0
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Copper ppm ASTM D5185m >75 <1 <1 <1 <1 Tin ppm ASTM D5185m >10 0 0 <1	Lead		ASTM D5185m	>10	0	<1	0	
Tin ppm ASTM D5185m >10 0 0 <1 Antimony ppm ASTM D5185m 3 Vanadium ppm ASTM D5185m <1				>75		<1	<1	
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VanadiumppmASTM D5185m<100CadmiumppmASTM D5185m<1					-			
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ManganeseppmASTM D5185m<100MagnesiumppmASTM D5185m253<1				5	0	<1	0	
MagnesiumppmASTM D5185m253<1<1CalciumppmASTM D5185m200333035PhosphorusppmASTM D5185m300158155177ZincppmASTM D5185m370197202210SulfurppmASTM D5185m2500895783832CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20455SodiumppmASTM D5185m>20455SodiumppmASTM D5185m>20000Water%ASTM D5185m>20000Water%ASTM D5185m>20000WaterppmASTM D5185m>20000Water%ASTM D6304>0.10.053VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar					-			
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Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT	
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEG		scalar	*Visual	NONE	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEG					NODW	NODM	NORM	
Emulsified Water scalar *Visual >0.1 0.2% NEG NEG	Sand/Dirt		*Visual	NORML	NORML	NORIVIL	NORIVIL	
	Sand/Dirt Appearance	scalar						
	Sand/Dirt Appearance Odor	scalar scalar	*Visual	NORML	NORML	NORML	NORML	

Report Id: PORPORTN [WUSCAR] 05933996 (Generated: 08/28/2023 16:38:12) Rev: 1



OIL ANALYSIS REPORT



FLUID PROPE		method	limit/base	current	history1	history2
√isc @ 40°C	cSt	ASTM D445		34.6	34.6	34.6
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Delen						
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS Ferrous Alloys						
Terrere al						
ron and the second sec						
7						
Sep23/20 Aug25/21		Aug10/22	Aug14/23			
∞ Non-ferrous Me	tals	A	Aı			
copper						
B-						
7 - 5 -						
5						
3						
2						
5	and a second		2			
Sep23/20 Aug25/21		Aug10/22	Aug14/23			
Viscosity @ 40°	С	-	-			
Abnormal						
Base						
Abnormal						
3 -						
		1				
2		2	3			
Sep 23/20 Aug 25/21		Aug10/22 -	Aug 14/23			
WearCheck USA WC0843935	 - 501 Mag Receive 	dison Ave., Ca ed : 24 /	ry, NC 27513 Aug 2023	PO	435 NORT	DEPARTMEN H BROADWA
05933996	Diagno		Aug 2023			ORTLAND, TI



Unique Number : 10619267 Diagnostician : Jonathan Hester Test Package : FLEET (Additional Tests: KF) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. AWEST@CITYOFPORTLANDTN.GOV * - 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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Laboratory Sample No. Lab Number

Submitted By: RANDY PRICE

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US 37148

F:

Contact: AL WEST

T: (615)566-1265