

## [466] Machine Id CRJ 200 7937 HYD SYS #2 Component 2 Hydraulic System

SKYDROL LD-4 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

## WEAR

All component wear rates are normal.

## CONTAMINATION

The water content is negligible. There is no indication of any contamination in the oil. The system and fluid cleanliness is acceptable.

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## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test     UOM     Method     Limit/Ab     Current     History1     History2       Sample Number     Client Info     0     06 Sep 2023     77     789 2023     77       Machine Age     hrs     Client Info     0     0     789 2023     77       Oil Age     hrs     Client Info     0     0     77     789 2023       Oil Changed     Client Info     0     0     77     77       Filter Age     hrs     Client Info     N/A     N/A     77       Sample Status     Client Info     N/A     N/A     77       Iron     ppm     ASTMD5185/m     20     1     4     77       Nickel     ppm     ASTMD5185/m     10     0     1     77       Irtanium     ppm     ASTMD5185/m     20     0     <1     77       Silver     ppm     ASTMD5185/m     20     0     <1     77       Irtanium     ppm     ASTMD5185/m     20     0     <1     77 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Sample Date     Client Info     08 Sep 2023     07 Sep 2023        Machine Age     hrs     Client Info     0     0        Oil Age     hrs     Client Info     0     0        Oil Changed     Client Info     N/A     N/A     N/A        Filter Changed     Client Info     N/A     N/A     N/A        Sample Status     NORMAL     NORMAL     NORMAL        Iron     ppm     ASTM05165(m)     >10     <1     <1        Kickel     ppm     ASTM05165(m)     >10     0     0        Nickel     ppm     ASTM05165(m)     >10     0     <1        Capper     ppm     ASTM05165(m)     >10     0     <        Vanadium     ppm     ASTM05165(m)     >15     2     4        Vanadium     ppm     ASTM05165(m)     >20     21     23        Vellow Metal	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age     hrs     Client Info     0     0	Sample Number		Client Info		WC0696304	WC0696310	
Oil Age     hrs     Client Info     0     0        Filter Age     hrs     Client Info     N/A     N/A     N/A        Oil Changed     Client Info     N/A     N/A     N/A        Sample Status     NORMAL     NORMAL     NORMAL        Iron     ppm     ASTM05185(m)     >20     1     4        Nickel     ppm     ASTM05185(m)     >10     <1     <1        Nickel     ppm     ASTM05185(m)     >10     0     0        Aluminum     ppm     ASTM05185(m)     >20     0     <1        Lead     ppm     ASTM05185(m)     >20     0     0        Vanadium     ppm     ASTM05185(m)     >0     0     0        Vanadium     ppm     ASTM05185(m)     >10     0         Vanadium     ppm     ASTM05185(m)     >20     21     23	Sample Date		Client Info		08 Sep 2023	07 Sep 2023	
Filter Age     hrs     Client Info     0     0	Machine Age	hrs	Client Info		0	0	
Oil Changed     Client Info     N/A     N/A     N/A        Filter Changed     Client Info     N/A     N/A     N/A        Sample Status     VIA     N/A     N/A     N/A        Iron     ppm     ASTM D5185(m)     >20     1     4        Nickel     ppm     ASTM D5185(m)     >10     <1        Nickel     ppm     ASTM D5185(m)     >10     0     0        Silver     ppm     ASTM D5185(m)     >20     0     <1        Aluminum     ppm     ASTM D5185(m)     >20     0     <1        Aluminum     ppm     ASTM D5185(m)     >20     0     <1        Aluminum     ppm     ASTM D5185(m)     >20     0     <        Vanadum     ppm     ASTM D5185(m)     >10     0     <        Vellow Metal     scalar     Visual*     NONE     NONE     NONE	Oil Age	hrs	Client Info		0	0	
Filter Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     NORMAL     NORMAL     NORMAL        Iron     ppm     ASTM D5185(m)     >20     1     4        Nickel     ppm     ASTM D5185(m)     >10     <1     <1        Nickel     ppm     ASTM D5185(m)     0     0     0        Silver     ppm     ASTM D5185(m)     >10     0     <1        Lead     ppm     ASTM D5185(m)     >20     0     <1        Vanadium     ppm     ASTM D5185(m)     >20     0     <1        Vanadium     ppm     ASTM D5185(m)     >20     <1     2        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >15     2     4        Yellow Metal     scalar     Visual*     NONE     NONE     NONE	Filter Age	hrs	Client Info		0	0	
Sample Status     NORMAL     NORMAL     NORMAL        Iron     ppm     ASTM D5185(m)     >20     1     4        Chromium     ppm     ASTM D5185(m)     >10     <1     <1        Nickel     ppm     ASTM D5185(m)     >10     <1     <1        Silver     ppm     ASTM D5185(m)     >10     0     <1        Lead     ppm     ASTM D5185(m)     >20     0     <1        Lead     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >15     2     4        Vellow Metal     scalar     Visua!*     NONE     NONE <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th></th>	Oil Changed		Client Info		N/A	N/A	
Iron     ppm     ASTM D5185(m)     >20     1     4        Chromium     ppm     ASTM D5185(m)     >10     <1     <1        Nickel     ppm     ASTM D5185(m)     >10     0     0        Titanium     ppm     ASTM D5185(m)     >0     0        Aluminum     ppm     ASTM D5185(m)     >20     0     <1        Lead     ppm     ASTM D5185(m)     >20     0     <1        Copper     ppm     ASTM D5185(m)     >20     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vellow Metal     scalar     Visual*     NONE     NONE     NONE        Vellow Metal     scalar     Visual*     NONE     NONE     NONE        Silicon     ppm     ASTM D5185(m)	Filter Changed		Client Info		N/A	N/A	
Chromium     ppm     ASTM D5185(m)     >10     <1	Sample Status				NORMAL	NORMAL	
Chromium     ppm     ASTM D5185(m)     >10     <1							
Nickel     ppm     ASTM D5185(m)     >10     <1	Iron	ppm	ASTM D5185(m)	>20	1	4	
Titanium     ppm     ASTM D5186(m)     0     0        Silver     ppm     ASTM D5185(m)     >10     0        Aluminum     ppm     ASTM D5185(m)     >20     0     <1        Lead     ppm     ASTM D5185(m)     >20     0     <1        Copper     ppm     ASTM D5185(m)     >20     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >15     2     4        Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Silicon     ppm     ASTM D5044'     >0.6     0.2764.0     3193.4        Particles 5125gum     count     NAST 1638     >128 <th>Chromium</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th>&gt;10</th> <th>&lt;1</th> <th>&lt;1</th> <th></th>	Chromium	ppm	ASTM D5185(m)	>10	<1	<1	
Silver     ppm     ASTM D5185(m)     0     0        Aluminum     ppm     ASTM D5185(m)     >20     0     <1        Lead     ppm     ASTM D5185(m)     >20     0     <1        Copper     ppm     ASTM D5185(m)     >20     <1     2        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     >15     2     4        Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Vater     %     ASTM D5185(m)     >15     2     4        Patticles 5-15µm     count     NAS 1638     >28000     70209     1392.4        Particles 100µm     count     NAS 1638	Nickel	ppm	ASTM D5185(m)	>10	<1	<1	
Aluminum     ppm     ASTM D5185(m)     >10     0     <1	Titanium	ppm	ASTM D5185(m)		0	0	
Lead     ppm     ASTM D5185(m)     >20     0     <1		ppm	ASTM D5185(m)		0	0	
Copper     ppm     ASTM D5185(m)     >20     <1	Aluminum	ppm	ASTM D5185(m)	>10	0	<1	
Tin     ppm     ASTM D5185(m)     >10     0     0        Vanadium     ppm     ASTM D5185(m)     0     0     0        White Metal     scalar     Visual*     NONE     NONE     NONE     NONE        Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Soliticon     ppm     ASTM D5185(m)     >15     2     4        Potassium     ppm     ASTM D5185(m)     >20     21     23        Water     %     ASTM D5185(m)     >20     2764.0     3193.4        ppm Water     ppm     ASTM D6304*     >0.6     0.276     0.319        Particles 515µm     count     NAS 1638     >12800     70209     13929        Particles 55.0µm     count     NAS 1638     >4050     157     321        Particles 50.0µm     count     NAS 1638     >128     118     68	Lead	ppm	ASTM D5185(m)	>20	0	<1	
Vanadium     ppm     ASTM D5185(m)     0     0        White Metal     scalar     Visual*     NONE     NONE     NONE     NONE        Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Silicon     ppm     ASTM D5185(m)     >15     2     4        Potassium     ppm     ASTM D5185(m)     >20     21     23        Patices     5.15µm     count     NAS 1638     >0.6     0.276     0.319        Particles     5.52µm     count     NAS 1638     >12800     70209     13329        Particles     5.50µm     count     NAS 1638     >128     118     68        Particles     5010µm     count     NAS 1638     >128     118     68        Particles     5010µm     count     NAS 1638     >9     9     9        Silt     scalar     Visual*     NONE     <	Copper	ppm	ASTM D5185(m)	>20	<1	2	
White Metal     scalar     Visual*     NONE     NONE     NONE     NONE     NONE        Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Silicon     ppm     ASTM D5185(m)     >20     21     23        Potassium     ppm     ASTM D5185(m)     >20     21     23        potassium     ppm     ASTM D5185(m)     >20     21     23        Pattices 515µm     count     NAS 1638     >0.60     2764.0     3193.4        Particles 515µm     count     NAS 1638     >22800     474     586        Particles 510µm     count     NAS 1638     >4050     157     321        Particles 5010µm     count     NAS 1638     >128     118     68        Particles 510µm     count     NAS 1638     >128     118     68        Particles 510µm     count     NAS 1638     >128     118 <td< th=""><th>Tin</th><th>ppm</th><th>ASTM D5185(m)</th><th>&gt;10</th><th>0</th><th>0</th><th></th></td<>	Tin	ppm	ASTM D5185(m)	>10	0	0	
Yellow Metal     scalar     Visual*     NONE     NONE     NONE        Silicon     ppm     ASTM D5185(m)     >15     2     4        Potassium     ppm     ASTM D5185(m)     >20     21     23        Water     %     ASTM D6304*     >0.6     0.2764.0     3193.4        ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >12800     70209     13929        Particles 52-50µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >220     15     14        Particles 5-10µm     count     NAS 1638     >720     15     14        Particles 5-10µm     count     NAS 1638     >9     9     9        Silt     scalar     Visual*     NONE     NONE     NONE <tr< th=""><th>Vanadium</th><th>ppm</th><th>ASTM D5185(m)</th><th></th><th>0</th><th>0</th><th></th></tr<>	Vanadium	ppm	ASTM D5185(m)		0	0	
Silicon     ppm     ASTM D5185(m)     >15     2     4        Potassium     ppm     ASTM D5185(m)     >20     21     23        Water     %     ASTM D6304*     >0.6     0.2764.0     3193.4        ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >22800     474     586        Particles 15-25µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles 50-100µm     count     NAS 1638     >9     9     9        Silt     scalar     Visual*     NONE     NONE     NORE <th>White Metal</th> <th>scalar</th> <th>Visual*</th> <th>NONE</th> <th>NONE</th> <th>NONE</th> <th></th>	White Metal	scalar	Visual*	NONE	NONE	NONE	
Potassium     ppm     ASTM D5185(m)     >20     21     23        Water     %     ASTM D5304*     >0.6     0.276     0.319        ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >12800     70209     13929        Particles 5-15µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles 5100µm     count     NAS 1638     >9     9     9        Salt     scalar     Visual*     NONE     NONE     NONE        Debris     scalar     Visual*     NORML     NORML     NORML	Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Potassium     ppm     ASTM D5185(m)     >20     21     23        Water     %     ASTM D5304*     >0.6     0.276     0.319        ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >12800     70209     13929        Particles 5-15µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles 5100µm     count     NAS 1638     >9     9     9        Salt     scalar     Visual*     NONE     NONE     NONE        Debris     scalar     Visual*     NORML     NORML     NORML							
Water     %     ASTM D6304*     >0.6     0.276     0.319        ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >12800     70209     13929        Particles 5-15µm     count     NAS 1638     >22800     474     586        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles 5104     count     NAS 1638     >9     9     9        Salt     scalar     Visual*     NONE     NONE     NONE        Debris     scalar     Visual*     NORM     NORML     NORML        Appearance     scalar     Visual*     NORM     NORML     NORML <th></th> <th></th> <th>( )</th> <th></th> <th></th> <th></th> <th></th>			( )				
ppm Water     ppm     ASTM D6304*     >6000     2764.0     3193.4        Particles 5-15µm     count     NAS 1638     >128000     70209     13929        Particles 15-25µm     count     NAS 1638     >22800     474     586        Particles 25-50µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >700     15     14        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >90     9     9        Particles 50-100µm     count     NAS 1638     >90     9     9        Particles 50-100µm     count     NAS 1638     >9     9     9        Sitt     scalar     Visual*     NONE     NONE     NONE        Sand/Dirt     scalar     Visual*     NORH     NORML     NORML </th <th></th> <th></th> <th>1 / /</th> <th></th> <th></th> <th></th> <th></th>			1 / /				
Particles 5-15µm     count     NAS 1638     >128000     70209     13929        Particles 15-25µm     count     NAS 1638     >22800     474     586        Particles 25-50µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >9     9     9     9     9     9     9     9     9     9     9        NAS 1638     Class     NAS 1638     >9     9     9     9         Solt     scalar     Visual*     NONE     NONE     NONE        Appearance     scalar     Visual*     NORML     NORML     NORML        Sodium     ppm     ASTM D5185(m)     0     0     0							
Particles 15-25µm     count     NAS 1638     >22800     474     586        Particles 25-50µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles 50-100µm     count     NAS 1638     >9     9     9     9        Particles 50-100µm     count     NAS 1638     >9     9     9     9        Particles 50-100µm     count     NAS 1638     >9     9     9        Particles 50-100µm     count     NAS 1638     >9     9     9        Solat     Scalar     Visual*     NONE     NONE     NORE        Appearance     scalar     Visual*     NORM     NORML     NORML        Gdor     scalar     Visual*     NOR     NORM     NORM	• •						
Particles 25-50µm     count     NAS 1638     >4050     157     321        Particles 50-100µm     count     NAS 1638     >720     15     14        Particles 50-100µm     count     NAS 1638     >128     118     68        Particles >100µm     count     NAS 1638     >9     9     9        NAS 1638     Class     NAS 1638     >9     9     9     9        Silt     scalar     Visual*     NONE     NONE     NONE        Debris     scalar     Visual*     NONE     NONE     NONE        Sand/Dirt     scalar     Visual*     NOR     NORML     NORML        Appearance     scalar     Visual*     NOR     NORML     NORML        Gdor     scalar     Visual*     NOR     NORML     NORML        Boron     ppm     ASTM D5185(m)     0     0     0        Ma	·						
Particles \$0:100µm     count     NAS 1638     >720     15     14        Particles \$100µm     count     NAS 1638     >128     118     68        NAS 1638     Class     NAS 1638     >9     9     9     9        Silt     scalar     Visual*     NONE     NONE     NONE        Debris     scalar     Visual*     NONE     NONE     NONE        Sand/Dirt     scalar     Visual*     NONE     NONE     NONE        Appearance     scalar     Visual*     NORML     NORML     NORML        Odor     scalar     Visual*     NORML     NORML     NORML        Godor     scalar     Visual*     >0.6     NEG         Sodium     ppm     ASTM D5185(m)     0     0     0        Boron     ppm     ASTM D5185(m)     0     0         Maganese							
Particles >100µm     count     NAS 1638     >128     118     68        NAS 1638     Class     NAS 1638     >9     9     9     9        Silt     scalar     Visual*     NONE     NONE     NONE     NONE        Debris     scalar     Visual*     NONE     NONE     NONE        Sand/Dirt     scalar     Visual*     NONE     NONE     NONE        Appearance     scalar     Visual*     NORML     NORML     NORML        Odor     scalar     Visual*     NORML     NORML     NORML        Gdor     scalar     Visual*     NORML     NORML     NORML        Odor     scalar     Visual*     >0.6     NEG     NEG        Boron     ppm     ASTM D5185(m)     0     0     0        Maganese     ppm     ASTM D5185(m)     0     0         Mag							
NAS 1638ClassNAS 1638>9999SiltscalarVisual*NONENONENONENONEDebrisscalarVisual*NONENONENONENONESand/DirtscalarVisual*NONENONENONENONEAppearancescalarVisual*NORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLCdorscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)036BoronppmASTM D5185(m)000MalganeseppmASTM D5185(m)000MagnesiumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)026SulfurppmASTM D5185(m)015211415Acid Number (AN)mg K0H/gASTM D974*0.100.030.05							
SiltscalarVisual*NONENONENONEDebrisscalarVisual*NONENONENONESand/DirtscalarVisual*NONENONENONEAppearancescalarVisual*NORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLEmulsified WaterscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)036BoronppmASTM D5185(m)000MalganeseppmASTM D5185(m)000MagnesiumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)190015211415SulfurppmASTM D5185(m)002SulfurppmASTM D5185(m)026SulfurppmASTM D5185(m)015211415SulfurppmASTM D5185(m)00.05SulfurppmASTM D5185(m)00.05SulfurppmASTM D5185(m)190015211415Acid Number (AN)mg K0H/gASTM D5185(m)0.000.05 <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
DebrisscalarVisual*NONENONENONESand/DirtscalarVisual*NONENONENONENONEAppearancescalarVisual*NORMLNORMLNORMLNORMLAppearancescalarVisual*NORMLNORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLNORMLEmulsified WaterscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)036BoronppmASTM D5185(m)000MalganeseppmASTM D5185(m)000MagnesiumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)026SulfurppmASTM D5185(m)190015211415Acid Number (AN)mg KOH/gASTM D974*0.100.030.05					-	÷	
Sand/DirtscalarVisual*NONENONENONEAppearancescalarVisual*NORMLNORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLNORMLEmulsified WaterscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)23BoronppmASTM D5185(m)000BariumppmASTM D5185(m)000MolybdenumppmASTM D5185(m)000MagnesiumppmASTM D5185(m)000MagnesiumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)026SulfurppmASTM D5185(m)190015211415Acid Number (AN)mg K0H/gASTM D974*0.100.030.05					-		
AppearancescalarVisual*NORMLNORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLEmulsified WaterscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)23BoronppmASTM D5185(m)0366BariumppmASTM D5185(m)000MolybdenumppmASTM D5185(m)000MagnaeseppmASTM D5185(m)01<CalciumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)026SulfurppmASTM D5185(m)190015211415Acid Number (AN)mg K0H/gASTM D974*0.100.030.05					-		
OdorscalarVisual*NORMLNORMLNORMLNORMLEmulsified WaterscalarVisual*>0.6NEGNEGSodiumppmASTM D5185(m)23BoronppmASTM D5185(m)0366BariumppmASTM D5185(m)000MolybdenumppmASTM D5185(m)000MagneseppmASTM D5185(m)01MagnesiumppmASTM D5185(m)0CalciumppmASTM D5185(m)0825PhosphorusppmASTM D5185(m)02877528955ZincppmASTM D5185(m)026SulfurppmASTM D5185(m)190015211415Acid Number (AN)mg K0H/gASTM D974*0.100.030.05	Sand/Dirt				_		
Emulsified Water     scalar     Visual*     >0.6     NEG     NEG        Sodium     ppm     ASTM D5185(m)     2     3        Boron     ppm     ASTM D5185(m)     0     3     6        Barium     ppm     ASTM D5185(m)     0     0     0        Molybdenum     ppm     ASTM D5185(m)     0     0     0        Magnese     ppm     ASTM D5185(m)     0     0         Magnesium     ppm     ASTM D5185(m)     0         Calcium     ppm     ASTM D5185(m)     0         Phosphorus     ppm     ASTM D5185(m)     0     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg K0H/g     ASTM D974*     0.10					-		
Sodium     ppm     ASTM D5185(m)     2     3        Boron     ppm     ASTM D5185(m)     0     3     66        Barium     ppm     ASTM D5185(m)     0     0     0        Molybdenum     ppm     ASTM D5185(m)     0     0     0        Manganese     ppm     ASTM D5185(m)     0     0     0        Magnesium     ppm     ASTM D5185(m)     0         Magnesium     ppm     ASTM D5185(m)     0         Calcium     ppm     ASTM D5185(m)     0         Phosphorus     ppm     ASTM D5185(m)     0         Zinc     ppm     ASTM D5185(m)     0         Sulfur     ppm     ASTM D5185(m)     0         Sulfur     ppm     ASTM D5185(m)     0.10 </th <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Boron     ppm     ASTM D5185(m)     0     3     6        Barium     ppm     ASTM D5185(m)     0     0     0        Molybdenum     ppm     ASTM D5185(m)     0     0     0        Manganese     ppm     ASTM D5185(m)     0     0     0        Magnesium     ppm     ASTM D5185(m)     0         Calcium     ppm     ASTM D5185(m)     0         Phosphorus     ppm     ASTM D5185(m)     0     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg K0H/g     ASTM D974*     0.10     0.03     0.05	Emulsified Water	scalar	Visual*	>0.6	NEG	NEG	
Boron     ppm     ASTM D5185(m)     0     3     6        Barium     ppm     ASTM D5185(m)     0     0     0        Molybdenum     ppm     ASTM D5185(m)     0     0     0        Manganese     ppm     ASTM D5185(m)     0     0     0        Magnesium     ppm     ASTM D5185(m)     0         Calcium     ppm     ASTM D5185(m)     0         Phosphorus     ppm     ASTM D5185(m)     0     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg K0H/g     ASTM D974*     0.10     0.03     0.05	Cardinar				0	0	
Barium     ppm     ASTM D5185(m)     0     0     0        Molybdenum     ppm     ASTM D5185(m)     0     0     0        Manganese     ppm     ASTM D5185(m)     0     0     0        Magnesium     ppm     ASTM D5185(m)     0     <1				0			
Molybdenum     ppm     ASTM D5185(m)     0     0     0        Manganese     ppm     ASTM D5185(m)     0     0        Magnesium     ppm     ASTM D5185(m)     0     <1        Calcium     ppm     ASTM D5185(m)     0     8     25        Phosphorus     ppm     ASTM D5185(m)     20000     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg K0H/g     ASTM D974*     0.10     0.03     0.05			( /				
Manganese     ppm     ASTM D5185(m)     0     0        Magnesium     ppm     ASTM D5185(m)     0     <1							
Magnesium     ppm     ASTM D5185(m)     0     <1				0			
Calcium     ppm     ASTM D5185(m)     0     8     25        Phosphorus     ppm     ASTM D5185(m)     20000     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg KOH/g     ASTM D974*     0.10     0.03     0.05	-			0			
Phosphorus     ppm     ASTM D5185(m)     20000     28775     28955        Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg KOH/g     ASTM D974*     0.10     0.03     0.05	-						
Zinc     ppm     ASTM D5185(m)     0     2     6        Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg KOH/g     ASTM D974*     0.10     0.03     0.05			( )				
Sulfur     ppm     ASTM D5185(m)     1900     1521     1415        Acid Number (AN)     mg KOH/g     ASTM D974*     0.10     0.03     0.05							
Acid Number (AN) mg KOH/g ASTM D974* 0.10 0.03 0.05							
Visc @ 40°C cSt ASTM D7279(m) 11.42 9.2 7.4		· ·					
	Visc @ 40°C	cSt	ASTM D7279(m)	11.42	9.2	7.4	

WEAR

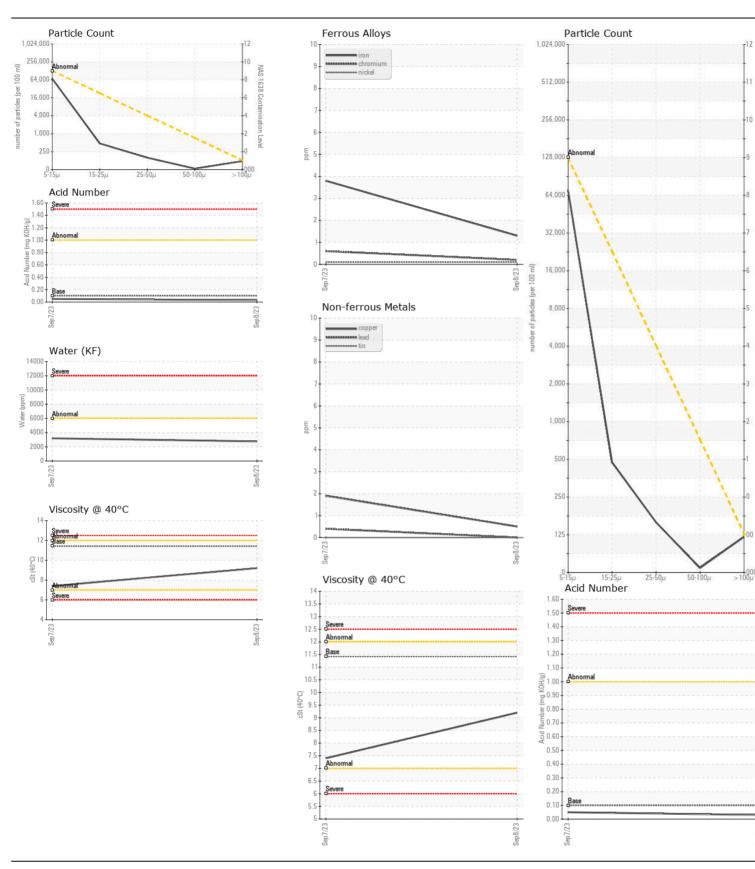
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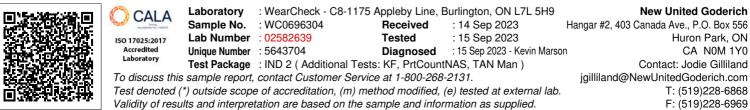
**FLUID CONDITION** 

NORMAL

NORMAL

NORMAL





Contact/Location: Jodie Gilliland - GODHUR

Page 2 of 2

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NAS 1638 Co

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