

## Machine Id VOLVO A40G 341210 Component Hydraulic System Fluid {not provided} (---- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

## WEAR

All component wear rates are normal.

## CONTAMINATION

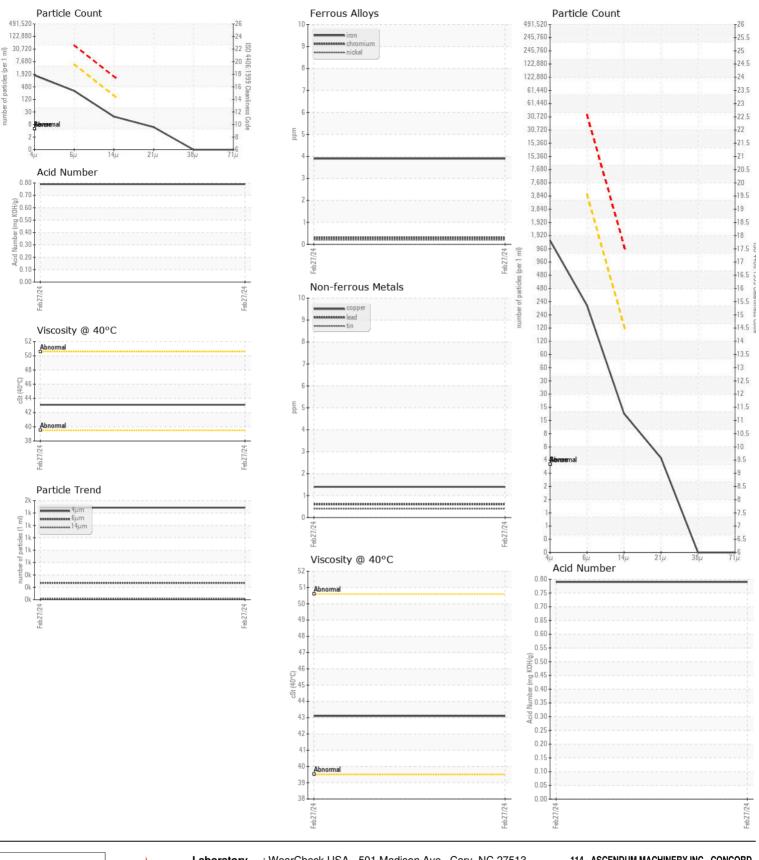
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

## FLUID CONDITION

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

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Test         UOM         Method         Limit/Ab         Current         History1         History2           Sample Number         Client Info         ASC000307             Sample Date         Client Info         9698             Machine Age         hrs         Client Info         9698             Oil Age         hrs         Client Info         9698             Filter Age         hrs         Client Info         N/A             Sample Status         Client Info         N/A              Iron         ppm         ASTM D5185m         >50         4             Kickel         ppm         ASTM D5185m         >50         4             Nickel         ppm         ASTM D5185m         >50         4             Aluminum         ppm         ASTM D5185m         >20         <1             Aluminum         ppm         ASTM D5185m         >20         <1             Vanadium         <							
Sample Date         Client Info         9698             Machine Age         hrs         Client Info         9698             Oil Age         hrs         Client Info         9698             Filter Age         hrs         Client Info         N/A             Filter Age         Client Info         N/A             Sample Status         ViA              Iron         ppm         ASTM D5185m         >0         4             Silver         ppm         ASTM D5185m         >10         <1             Silver         ppm         ASTM D5185m         >20         3             Lead         ppm         ASTM D5185m         >20         1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         7             Vanadium         ppm         ASTM D5185m         >2	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil Age Filter Age         hrs         Client Info         9698             Filter Age         hrs         Client Info         9698             Oil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         Client Info         N/A             Iron         ppm         ASTM D5185m         >50         4             Nickel         ppm         ASTM D5185m         20         <1             Nickel         ppm         ASTM D5185m         20         3             Silver         ppm         ASTM D5185m         20         3             Auminum         ppm         ASTM D5185m         20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Yellow Metal         scalar         Yuisual         NONE         NONE             Yellow Metal	Sample Number		Client Info		ASC0003075		
Oil Age         hrs         Client Info         9698             Filter Age         hrs         Client Info         9698             Oil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         NORMAL             Iron         ppm         ASTM D5185m         >20         <1            Nickel         ppm         ASTM D5185m         >20         <1             Nickel         ppm         ASTM D5185m         >20         3             Aluminum         ppm         ASTM D5185m         >20         3             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20	Sample Date		Client Info		27 Feb 2024		
Filter Age         hrs         Client Info         9698             Cil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         NORMAL             Iron         ppm         ASTM D5185m         >20         -1            Chromium         ppm         ASTM D5185m         >20         -1            Chromium         ppm         ASTM D5185m         20         -1            Silver         ppm         ASTM D5185m         >20         -1            Aluminum         ppm         ASTM D5185m         >20         -1            Copper         ppm         ASTM D5185m         >20         -1            Vanadium         ppm         ASTM D5185m         >20         -1            Vanadium         ppm         ASTM D5185m         >20         7             Valadium         ppm         ASTM D5185m         >20         7             Yellow Metal	Machine Age	hrs	Client Info		9698		
Filter Age         hrs         Client Info         9698             Cil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         NORMAL             Iron         ppm         ASTM D5185m         >20         -1            Chromium         ppm         ASTM D5185m         >20         -1            Chromium         ppm         ASTM D5185m         20         -1            Silver         ppm         ASTM D5185m         >20         -1            Aluminum         ppm         ASTM D5185m         >20         -1            Copper         ppm         ASTM D5185m         >20         -1            Vanadium         ppm         ASTM D5185m         >20         -1            Vanadium         ppm         ASTM D5185m         >20         7             Valadium         ppm         ASTM D5185m         >20         7             Yellow Metal	Oil Age	hrs	Client Info		9698		
Oil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         Client Info         N/A             Iron         ppm         ASTM 05185m         >50         4            Nickel         ppm         ASTM 05185m         >10         <1            Nickel         ppm         ASTM 05185m         >10         <1            Nickel         ppm         ASTM 05185m         >20         3            Aluminum         ppm         ASTM 05185m         >20         3            Copper         ppm         ASTM 05185m         >20         <1            Yelaw         Motelal         scalar         *Visual         NONE         NONE            Vanadium         ppm         ASTM 05185m         >20         <1             Vanadium         ppm         ASTM 05185m         >20         <1             Velow Metal         scalar         *Visual         NONE         NONE         -	Filter Age	hrs	Client Info		9698		
Filter Changed Sample Status         Client Info         N/A             Iron         ppm         ASTM D5185m         >50         4             Iron         ppm         ASTM D5185m         >20         <1             Nickel         ppm         ASTM D5185m         >20         <1             Nickel         ppm         ASTM D5185m         >20         <1             Aluminum         ppm         ASTM D5185m         >20         <1             Aluminum         ppm         ASTM D5185m         >20         <1             Aluminum         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         7             Silicon         ppm         ASTM D5185m         >20	J		Client Info		N/A		
Sample Status         NORMAL             Iron         ppm         ASTM D5185m         >50         4             Chromium         ppm         ASTM D5185m         >20         <1             Nickel         ppm         ASTM D5185m         >10         <1             Silver         ppm         ASTM D5185m         >10         <1             Aluminum         ppm         ASTM D5185m         >20         3             Lead         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1							
Iron         ppm         ASTM D5185m         >50         4            Chromium         ppm         ASTM D5185m         >20         <1            Nickel         ppm         ASTM D5185m         >10         <1            Titanium         ppm         ASTM D5185m         >20         3             Silver         ppm         ASTM D5185m         >20         3             Auminum         ppm         ASTM D5185m         >20         3             Lead         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Silicon         ppm         ASTM D5185m         >20         <1							
Chromium         ppm         ASTM D5185m         >20         <1							
Nickel         ppm         ASTM D5185m         >10         <1	Iron	ppm	ASTM D5185m	>50	4		
Titanium         ppm         ASTM D5185m         <1	Chromium	ppm	ASTM D5185m	>20	<1		
Titanium         ppm         ASTM D5185m         <1	Nickel	ppm	ASTM D5185m	>10	<1		
Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >20         3             Lead         ppm         ASTM D5185m         >20         <1             Copper         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         7             Yellow Metal         scalar         *Visual         NONE             Potassium         ppm         ASTM D5185m         >20         7             Paticles >4µm         ASTM D5185m         >20         7             Paticles >4µm         ASTM D7647         1486             Paticles >71µm         ASTM D7647         >10         0	Titanium		ASTM D5185m		<1		
Aluminum         ppm         ASTM D5185m         >20         3             Lead         ppm         ASTM D5185m         >20         <1             Copper         ppm         ASTM D5185m         >10         1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         >20         <1             Yellow Metal         scalar         *Visual         NONE              Potassium         ppm         ASTM D5185m         >20         <1             Particles >4µm         ASTM D7647         1486              Particles >4µm         ASTM D7647         >160         16             Particles >5µm         ASTM D7647         >40         5             Particles >7µm         ASTM D7647         >3         0							
Lead         ppm         ASTM D5185m         >20         <1				>20	-		
Copper         ppm         ASTM D5185m         >150         1             Tin         ppm         ASTM D5185m         >20         <1             Vanadium         ppm         ASTM D5185m         0             White Metal         scalar         *Visual         NONE         NONE             Yellow Metal         scalar         *Visual         NONE         NONE             Silicon         ppm         ASTM D5185m         >20         <1             Potassium         ppm         ASTM D5185m         >20         <1             Water         WC Method         >0.1         NEG             Particles >4µm         ASTM D7647         >400         5             Particles >21µm         ASTM D7647         >40         5             Particles >21µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11					-		
Tin         ppm         ASTM D5185m         >20         <1							
Vanadium         ppm         ASTM D5185m         0             White Metal         scalar         *Visual         NONE         NONE             Yellow Metal         scalar         *Visual         NONE              Silicon         ppm         ASTM D5185m         >20         <1             Potassium         ppm         ASTM D5185m         >20         <1             Paticles >4µm         ppm         ASTM D7647         55000         271             Particles >6µm         ASTM D7647         >100         16             Particles >4µm         ASTM D7647         >40         5             Particles >38µm         ASTM D7647         >10         0             Particles >38µm         ASTM D7647         >3         0             Particles >51µm         ASTM D7647         >3         0             Silt         scalar         *Visual         NONE         NORE <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
White Metal         scalar         *Visual         NONE         NONE             Yellow Metal         scalar         *Visual         NONE         NONE             Silicon         ppm         ASTM D5185m         >20         <1             Potassium         ppm         ASTM D5185m         >20         <1             Water         WC Method         >0.1         NEG             Particles >4µm         ASTM D7647         1486             Particles >51µm         ASTM D7647         >100         1            Particles >21µm         ASTM D7647         >10         0             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Silt         scalar         *Visual         NONE         NONE             Sad/Dirit </th <th></th> <th></th> <th></th> <th>220</th> <th></th> <th></th> <th></th>				220			
Yellow Metal         scalar         *Visual         NONE             Silicon         ppm         ASTM D5185m         >20         7             Potassium         ppm         ASTM D5185m         >20         <1             Water         WC Method         >0.1         NEG             Particles >4µm         ASTM D7647         1486             Particles >6µm         ASTM D7647         >5000         271             Particles >14µm         ASTM D7647         >160         16             Particles >21µm         ASTM D7647         >10         0             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         3         0             Solit         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NORM         NORML             Appearance         scalar <th></th> <th></th> <th></th> <th>NONE</th> <th>-</th> <th></th> <th></th>				NONE	-		
Silicon         ppm         ASTM D5185m         >20         7             Potassium         ppm         ASTM D5185m         >20         <1             Water         WC Method         >0.1         NEG             Particles >4µm         ASTM D7647         1486             Particles >6µm         ASTM D7647         >5000         271             Particles >14µm         ASTM D7647         >160         16             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Sand/Dirt         scalar         *Visual         NONE             Appearance         scalar         *Visual         NORML         NORML             Appearance         scalar         *Visual         NORML         NORML					-		
Potassium         ppm         ASTM D5185m         >20         <1	Yellow Ivietal	scalar	visuai	NONE	NONE		
Potassium         ppm         ASTM D5185m         >20         <1	Silicon	nnm	ASTM D5185m	>20	7		
Water         WC Method         >0.1         NEG            Particles >4µm         ASTM D7647         1486             Particles >6µm         ASTM D7647         >5000         271            Particles >6µm         ASTM D7647         >160         16            Particles >14µm         ASTM D7647         >40         5            Particles >21µm         ASTM D7647         >40         5            Particles >38µm         ASTM D7647         >10         0            Particles >71µm         ASTM D7647         >3         0            Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Silt         scalar         *Visual         NONE             Sand/Dirt         scalar         *Visual         NORML         NORML             Appearance         scalar         *Visual         NORML         NORML             Agree *Visual         NORML         NORML              Godo							
Particles >4µm         ASTM D7647         1486             Particles >6µm         ASTM D7647         >5000         271             Particles >14µm         ASTM D7647         >160         16             Particles >21µm         ASTM D7647         >40         5             Particles >21µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Silt         scalar         *Visual         NONE              Sand/Dirt         scalar         *Visual         NORML         NORML             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML <t< th=""><th></th><th>ppm</th><th></th><th></th><th></th><th></th><th></th></t<>		ppm					
Particles >6µm         ASTM D7647         >5000         271             Particles >14µm         ASTM D7647         >160         16             Particles >21µm         ASTM D7647         >40         5             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Silt         scalar         *Visual         NONE              Sand/Dirt         scalar         *Visual         NORML         NORML             Appearance         scalar         *Visual         NORML         NORML             Boro				20.1	-		
Particles >14µm         ASTM D7647         >160         16             Particles >21µm         ASTM D7647         >40         5             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Silt         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Godor         scalar         *Visual         NORML         NORML             Molybel         scalar         *Visual         NORML         NORML             Boron         ppm         ASTM D5185m         0        <				> 5000			
Particles >21µm         ASTM D7647         >40         5             Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >-/19/14         18/15/11             Silt         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Sodium         ppm         ASTM D5185m         0             Boron         ppm         ASTM D5185m         0             Malganese         ppm         ASTM D5185m         1 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Particles >38µm         ASTM D7647         >10         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/19/14         18/15/11             Silt         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Gotor         scalar         *Visual         NORML         NORML             Gotor         scalar         *Visual         >0.1         NEG             Boron         ppm         ASTM D5185m         0              Barium         ppm         ASTM D5185m					-		
Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/19/14         18/15/11             Silt         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         >0.1         NEG             Sodium         ppm         ASTM D5185m         0              Boron         ppm         ASTM D5185m         0              Malganese         ppm         ASTM D5185m <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Oil Cleanliness         ISO 4406 (c)         >/19/14         18/15/11             Silt         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Emulsified Water         scalar         *Visual         >0.1         NEG             Sodium         ppm         ASTM D5185m         0              Boron         ppm         ASTM D5185m         0              Malganese         ppm         ASTM D5185m         1             Magnesium         ppm         ASTM D					-		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m0BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m1MagnesiumppmASTM D5185m10CalciumppmASTM D5185m502PhosphorusppmASTM D5185m630SulfurppmASTM D5185m3120Acid Number (AN)mg KOHgASTM D80450.79					-		
Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLCdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m0BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m1ManganeseppmASTM D5185m10CalciumppmASTM D5185m502PhosphorusppmASTM D5185m630SulfurppmASTM D5185m3120Acid Number (AN)mg KOH/gASTM D80450.79							
Sand/Dirt         scalar         *Visual         NONE         NONE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Emulsified Water         scalar         *Visual         >0.1         NEG             Sodium         ppm         ASTM D5185m         0              Boron         ppm         ASTM D5185m         0              Barium         ppm         ASTM D5185m         0              Molybdenum         ppm         ASTM D5185m         1              Magnesium         ppm         ASTM D5185m         10              Phosphorus         ppm         ASTM D5185m         855             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120 <td< th=""><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th></td<>					-		
Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Emulsified Water         scalar         *Visual         >0.1         NEG             Sodium         ppm         ASTM D5185m         0             Boron         ppm         ASTM D5185m         2             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         1             Magnesium         ppm         ASTM D5185m         <1             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         630             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g <th></th> <th></th> <th></th> <th></th> <th>_</th> <th></th> <th></th>					_		
Odor         scalar         *Visual         NORML         NORML             Emulsified Water         scalar         *Visual         >0.1         NEG             Sodium         ppm         ASTM D5185m         0             Boron         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m          1             Calcium         ppm         ASTM D5185m          10             Phosphorus         ppm         ASTM D5185m         855              Zinc         ppm         ASTM D5185m         630              Sulfur         ppm         ASTM D5185m         630              Acid Number (AN)         mg KOH/g         ASTM D8045         0.79 <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Emulsified Water         scalar         *Visual         >0.1         NEG            Sodium         ppm         ASTM D5185m         0             Boron         ppm         ASTM D5185m         2             Barium         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         1             Magnesium         ppm         ASTM D5185m         <1             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         630             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79					-		
Sodium         ppm         ASTM D5185m         0            Boron         ppm         ASTM D5185m         2            Barium         ppm         ASTM D5185m         0            Barium         ppm         ASTM D5185m         0            Molybdenum         ppm         ASTM D5185m         1            Magnesium         ppm         ASTM D5185m         <1            Magnesium         ppm         ASTM D5185m         10            Calcium         ppm         ASTM D5185m         855            Phosphorus         ppm         ASTM D5185m         630            Zinc         ppm         ASTM D5185m         630            Sulfur         ppm         ASTM D5185m         3120            Acid Number (AN)         mg KOH/g         ASTM D8045         0.79					-		
Boron         ppm         ASTM D5185m         2             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         1             Manganese         ppm         ASTM D5185m         <1             Magnesium         ppm         ASTM D5185m         <10             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79	Emulsified Water	scalar	^Visual	>0.1	NEG		
Boron         ppm         ASTM D5185m         2             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         1             Manganese         ppm         ASTM D5185m         <1             Magnesium         ppm         ASTM D5185m         <10             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79	Sodium	nnm	ACTM DE10E~		0		
Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         1             Manganese         ppm         ASTM D5185m         <1             Magnesium         ppm         ASTM D5185m         <10             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Molybdenum         ppm         ASTM D5185m         1            Manganese         ppm         ASTM D5185m         <1            Magnesium         ppm         ASTM D5185m         <1            Magnesium         ppm         ASTM D5185m         10            Calcium         ppm         ASTM D5185m         855            Phosphorus         ppm         ASTM D5185m         502            Zinc         ppm         ASTM D5185m         630            Sulfur         ppm         ASTM D5185m         3120            Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Manganese         ppm         ASTM D5185m         <1							
Magnesium         ppm         ASTM D5185m         10             Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Calcium         ppm         ASTM D5185m         855             Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Phosphorus         ppm         ASTM D5185m         502             Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79	-						
Zinc         ppm         ASTM D5185m         630             Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Sulfur         ppm         ASTM D5185m         3120             Acid Number (AN)         mg KOH/g         ASTM D8045         0.79							
Acid Number (AN) mg KOH/g ASTM D8045 0.79							
			ASTM D5185m				
Visc @ 40°C cSt ASTM D445 43.1					0.79		
	Visc @ 40°C	cSt	ASTM D445		43.1		



114 - ASCENDUM MACHINERY INC - CONCORD Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 1025 INTERNATIONAL DR NW Sample No. : ASC0003075 Received : 29 Feb 2024 Lab Number : 06104273 CONCORD, NC Tested :01 Mar 2024 : 01 Mar 2024 - Wes Davis US 28027 Unique Number : 10902503 Diagnosed Test Package : CONST Contact: JEFF WILBANKS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. jeff.wilbanks@ascendummachinery.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (704)599-8179 F: (704)596-1362 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: JEREMY FORD

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