

# [A35757] JOHN DEERE 950K 1T0950KXJRF458831 **Hydraulic System** JOHN DEERE HYDRAU (40 GAL)

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: A35757)

## WEAR

All component wear rates are normal.

## CONTAMINATION

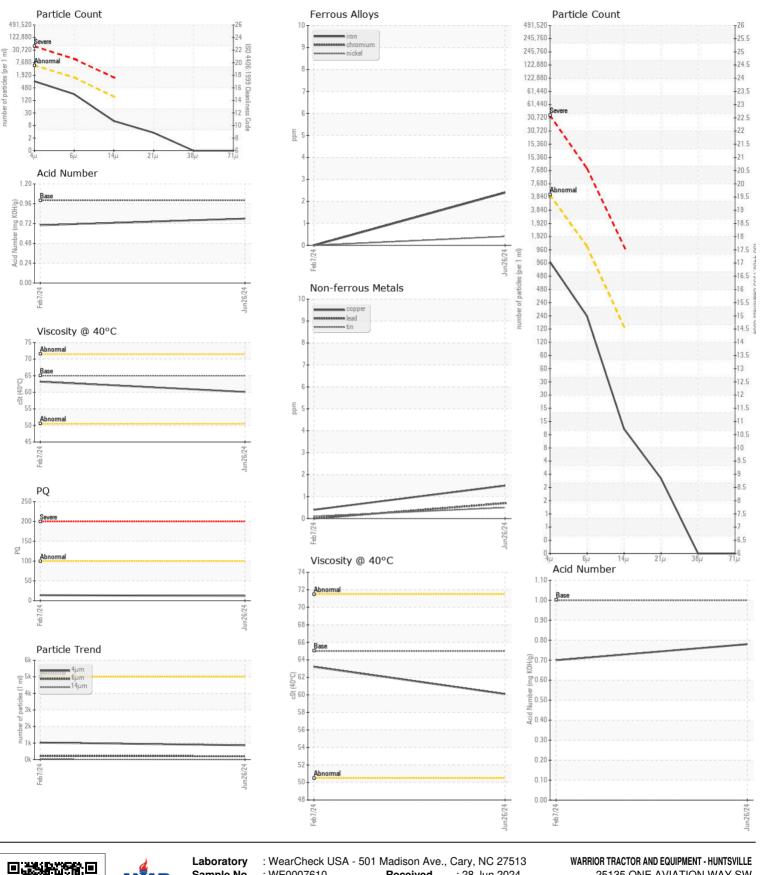
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

## FLUID CONDITION

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

TestUOMMethodLimit/MoCurrentHistory1History2Sample NumberClient Info25 Jung2077 Feb 2024Machine AgehrsClient Info5196Machine AgehrsClient Info5196Oil AgehrsClient Info5196Oil ChangedClient InfoNot ChangedOil ChangedClient InfoNoneChangedSample StatusClient InfoNoneNoreSample StatusClient InfoNoneNoreSample StatusClient InfoNoneNoreSample StatusVariant StatusNoreSimole StatusStatusStatus1214PQASTM D5185>1020ChromiumppmASTM D5185>1020SilverppmASTM D5185>1020SilverppmASTM D5185>1020AuminumppmASTM D5185>1020VanadiumppmASTM D5185>1020VariadiumppmASTM D5185>204VanadiumppmASTM D5185>2010VariadiumppmASTM D5185>2010Varia							
Sample Date         Client Info         Solution Age         Nrs         Client Info         Not Changed         Into         Nore MAL         Into         Nore MAL         Into         Nore MAL         Into         Into         Nore MAL         Into         Nore MAL         Into         Into         Into         Nore MAL         Into         Into         Nore MAL         Into         Into         Into         Nore MAL         Into         Into <thinto< th="">         Into</thinto<>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil Age Filter Age         hrs         Client Info         519         6            Filter Age Oil Changed         Client Info         Not Changd Changed         Changed            Sample Status         Client Info         Not Changd None         Changed            PQ         ASTM D8184         12         1.4            PQ         ASTM D5185         >20         2         0            Nickel         ppm         ASTM D5185         >10         <1         0            Nickel         ppm         ASTM D5185         >10         <1         0            Nickel         ppm         ASTM D5185         >10         <1         0            Aluminum         ppm         ASTM D5185         >10         <1         0            Vanadium         ppm         ASTM D5185         >10         <1         0            Vanadium         ppm         ASTM D5185         >20         1         0            Velacad         scalar         "Visual         NONE         NONE         NONE            Vanad	Sample Number		Client Info		WE0007610	WE0006568	
Oil Age         hrs         Client Info         519         6            Filter Age         hrs         Client Info         Not Changed         Changed            Oil Changed         Client Info         Not Changed         Changed            Sample Status         Nor Changed         Nor MAL         NORMAL            PQ         ASTM D5185m         >20         2         0            Nickel         ppm         ASTM D5185m         >10         2         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Silver         ppm         ASTM D5185m         >10         <1         0            Copper         ppm         ASTM D5185m         >10         <1         0            Vanadium         ppm         ASTM D5185m         >10         <1         0            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Valdoum         ppm         ASTM D5185m         >20         1         0            Vall	Sample Date		Client Info		26 Jun 2024	07 Feb 2024	
Filter Age         hrs         Client Info         519         6            Oil Changed         Client Info         Not Changed         Changed            Sample Status         Client Info         Nore         Nore         Changed            Sample Status         Client Info         Nore         Nore         Nore         Changed            Sample Status         Client Info         Nore         Nore         Nore         Changed            Simple Status         T         Nore         Nore         Nore          Changed            Nickel         ppm         ASTM D5185m         >10         2         0            Aluminum         ppm         ASTM D5185m         >10         -1         0            Silver         ppm         ASTM D5185m         >10         -1         0            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Vanadium         ppm         ASTM D5185m         >20         1         0            Yellow Metal         scalar         *Visual <t< th=""><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>519</th><th>55</th><th></th></t<>	Machine Age	hrs	Client Info		519	55	
Oil Changed Filter Changed Sample StatusClient Info Client Info ASTM DS184No Changed None NORMAL Changed NORMAL Changed NORMAL Changed NORMAL Changed NORMAL Changed 	Oil Age	hrs	Client Info		519	6	
Filter Changed Sample Status         Client Info         None         Changed            PQ         ASTM D8184         12         14            Iron         ppm         ASTM D5185m         >20         2         0            Nickel         ppm         ASTM D5185m         >10         2         0            Nickel         ppm         ASTM D5185m         >10         2         0            Silver         ppm         ASTM D5185m         >10         2         0            Silver         ppm         ASTM D5185m         >10         2         0            Aluminum         ppm         ASTM D5185m         >10         21         0            Vanadium         ppm         ASTM D5185m         >10         <1         0            Vanted         scalar         *Visual         NONE         NONE         NONE            Vellow Metal         scalar         *Visual         NONE         NONE            Vellow Metal         scalar         *Visual         NONE         NONE            Vellow Metal<	Filter Age	hrs	Client Info		519	6	
Sample Status         NORMAL         NORMAL         NORMAL            PQ         ASTM D8184         12         14            Iron         ppm         ASTM D8185         >20         2         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Aluminum         ppm         ASTM D5185m         >10         <1         0            Aluminum         ppm         ASTM D5185m         >10         <1         0            Aluminum         ppm         ASTM D5185m         >10         <1         0            Astm D5185m         >75         2         <1             Vanadium         ppm         ASTM D5185m         >10         <1         0            Vanadium         ppm         ASTM D5185m         >20         4         <1            Vanadium         ppm         ASTM D5185m         >20         4         <1            Vanadium	Oil Changed		Client Info		Not Changd	Changed	
PQ         ASTM D8184         12         14            Iron         ppm         ASTM D8185m         >20         2         0            Chromium         ppm         ASTM D5185m         >10         2         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Silver         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         0            Vanadium         ppm         ASTM D5185m         >10         <1         0            Vanadium         ppm         ASTM D5185m         >20         <1         0            Vanadium         ppm         ASTM D5185m         >20         1         0            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Vellow Metal         scalar         *Visual         NONE         NONE	Filter Changed		Client Info		None	Changed	
Iron         ppm         ASTM D5185m         >20         2         0            Chromium         ppm         ASTM D5185m         >10         2         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Titanium         ppm         ASTM D5185m         <10         <1         0            Aluminum         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >20         4         <1            Vanadium         ppm         ASTM D5185m         >20         1         0            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D7647         >10	Sample Status				NORMAL	NORMAL	
Iron         ppm         ASTM D5185m         >20         2         0            Chromium         ppm         ASTM D5185m         >10         2         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Titanium         ppm         ASTM D5185m         <10         <1         0            Aluminum         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >20         4         <1            Vanadium         ppm         ASTM D5185m         >20         1         0            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D7647         >10							
Chromium         ppm         ASTM D5185m         >10         21         0            Nickel         ppm         ASTM D5185m         >10         <1         0            Silver         ppm         ASTM D5185m          <1         0            Silver         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         0            Lead         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >20         1         0            Veltow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D7647         >1300         210         217            Particles >4µm         ASTM D7647         >160	· ••						
Nickel         ppm         ASTM D5185m         >10         <1				-	_		
Titanium         ppm         ASTM D5185m         <1					_		
Silver         ppm         ASTM D5185m         <1				>10		-	
Aluminum         ppm         ASTM D5185m         >10         2         0            Lead         ppm         ASTM D5185m         >10         <1         0            Copper         ppm         ASTM D5185m         >75         2         <1            Vanadium         ppm         ASTM D5185m         >10         <1         <1            Vanadium         ppm         ASTM D5185m         >10         <1         0            Vanadium         ppm         ASTM D5185m         >10         <1         0            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Vallo         ppm         ASTM D5185m         >20         1         0            Vallos         ppm         ASTM D7185m         >20         11         1029            Particles >4µm         ASTM D7647         >100         0              Particles >21µm         ASTM D7647 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
Lead         ppm         ASTM D5185m         >10         <1				16			
Copper         ppm         ASTM D5185m         >75         2         <1					_		
Tin         ppm         ASTM D5185m         >10         <1				-		÷	
Vanadium         ppm         ASTM D5185m         <1							
White Metal         scalar         *Visual         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         1         0            Potassium         ppm         ASTM D5185m         >20         1         0            Water         WC Method         >0.1         NEG         NEG            Particles >4µm         ASTM D7647         >1300         210         217            Particles >14µm         ASTM D7647         >160         11         19            Particles >31µm         ASTM D7647         >10         0         0            Particles >21µm         ASTM D7647         >3         0         0            Particles >38µm         ASTM D7647         >3         0         0            Particles >21µm         ASTM D7647         >3         0         0            Solit         scalar         *Visual         NONE         NONE            Solit				>10			
Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         1         0            Potassium         ppm         ASTM D5185m         >20         1         0            Water         WC Method         >0.1         NEG         NEG            Particles >4µm         ASTM D7647         >5000         867         1029            Particles >6µm         ASTM D7647         >1300         210         217            Particles >6µm         ASTM D7647         >160         11         19            Particles >21µm         ASTM D7647         >40         3         5            Particles >38µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Solt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NOR         NORML         NORML         NORML							
Silicon         ppm         ASTM D5185m         >20         4         <1				-			
Potassium         ppm         ASTM D5185m         >20         1         0            Water         WC Method         >0.1         NEG         NEG            Particles >4µm         ASTM D7647         >5000         867         1029            Particles >6µm         ASTM D7647         >1300         210         217            Particles >6µm         ASTM D7647         >160         11         19            Particles >1µm         ASTM D7647         >40         3         5            Particles >3µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NORM         NORM             Agpearance </th <th>Yellow Metal</th> <th>scalar</th> <th>*Visual</th> <th>NONE</th> <th>NONE</th> <th>NONE</th> <th></th>	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Potassium         ppm         ASTM D5185m         >20         1         0            Water         WC Method         >0.1         NEG         NEG            Particles >4µm         ASTM D7647         >5000         867         1029            Particles >6µm         ASTM D7647         >1300         210         217            Particles >6µm         ASTM D7647         >160         11         19            Particles >1µm         ASTM D7647         >40         3         5            Particles >3µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NORM         NORM             Agpearance </th <th>Silicon</th> <th>nom</th> <th>AGTM DE185m</th> <th>&gt; 20</th> <th>4</th> <th>-1</th> <th></th>	Silicon	nom	AGTM DE185m	> 20	4	-1	
Water         WC Method         >0.1         NEG            Particles >4µm         ASTM D7647         >5000         867         1029            Particles >6µm         ASTM D7647         >1300         210         217            Particles >6µm         ASTM D7647         >160         11         19            Particles >14µm         ASTM D7647         >40         3         5            Particles >38µm         ASTM D7647         >40         3         0         0            Particles >38µm         ASTM D7647         >3         0         0            Particles >1µm         ASTM D7647         >3         0         0            Particles >38µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         191711         17115/11         1715/11            Silt         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NORM         NORML         NORML            Odo         scalar <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Particles >4μm         ASTM D7647         >5000         867         1029            Particles >6μm         ASTM D7647         >1300         210         217            Particles >14μm         ASTM D7647         >160         11         19            Particles >21μm         ASTM D7647         >40         3         5            Particles >21μm         ASTM D7647         >40         0         0            Particles >38μm         ASTM D7647         >3         0         0            Particles >1μm         ASTM D7647         >3         0         0            Particles >1μm         ASTM D7647         >3         0         0            Particles >1μm         ASTM D7647         >3         0         0            Oll Cleanliness         Scalar         *Visual         NONE         NONE         NONE            Solit         scalar         *Visual         NORM         NORM         NORML            Appearance         scalar         *Visual         NORM         NORML         NORML            Boron		ррп			-	÷	
Particles >6μm         ASTM D7647         >1300         210         217            Particles >14μm         ASTM D7647         >160         11         19            Particles >21μm         ASTM D7647         >40         3         5            Particles >38µm         ASTM D7647         >40         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NORM         NORML         NORML            Gorn         scalar         *Visual         NORM         NORML         NORML            Boron         ppm         ASTM D5185m         0         0							
Particles >14µm         ASTM D7647         >160         11         19            Particles >21µm         ASTM D7647         >40         3         5            Particles >38µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >3         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NORM         NORML         NORML            Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         >0.1         NEG         NEG            Boron         ppm         ASTM D5185m         0         0							
Particles >21µm         ASTM D7647         >40         3         5            Particles >38µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NOR         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Appearance         scalar         *Visual         NOR         NORML         NORML            Gor         scalar         *Visual         NOR         NORML         NORML            Bronn         ppm         ASTM D5185m         0         0             Boron         ppm         ASTM D5185m         1         0 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Particles >38µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NOR         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NOR         NORML         NORML            Godor         scalar         *Visual         NOR         NORML         NORML            Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         2         0            Manganese         ppm         ASTM D5185m         3         0							
Particles >71µm         ASTM D7647         >3         0         0            Oil Cleanliness         ISO 4406 (c)         >19/17/14         17/15/11         17/15/11            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NORM         NORML         NORML            Emulsified Water         scalar         *Visual         NOR         NORML         NORML            Sodium         ppm         ASTM D5185m         0             Boron         ppm         ASTM D5185m         2         0            Manganese         ppm         ASTM D5185m         1         0            Magnesium         ppm         ASTM D5185m         3         0					-		
Oil CleanlinessISO 4406 (c)19/17/1417/15/1117/15/11Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m0<BoronppmASTM D5185m20MalganeseppmASTM D5185m10<MagnesiumppmASTM D5185m30MagnesiumppmASTM D5185m727572652ZincppmASTM D5185m900844840SulfurppmASTM D5185m1.00.70					-		
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Debrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m0<1BoronppmASTM D5185m00BariumppmASTM D5185m20MolybdenumppmASTM D5185m10MagnesiumppmASTM D5185m30MagnesiumppmASTM D5185m727572652ZincppmASTM D5185m900844840SulfurppmASTM D5185m1.00.70		scalar					
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Appearancescalar*VisualNORMLNORMLNORMLImage and the second				-			
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m0<1BoronppmASTM D5185m00BariumppmASTM D5185m20MolybdenumppmASTM D5185m10MagnesiumppmASTM D5185m<11<1MagnesiumppmASTM D5185m30CalciumppmASTM D5185m879082PhosphorusppmASTM D5185m727572652ZincppmASTM D5185m900844840SulfurppmASTM D5185m1.018041458Acid Number (AN)mg KOHgASTM D80451.00.70					-		
Emulsified Water         scalar         *Visual         >0.1         NEG         NEG            Sodium         ppm         ASTM D5185m         0         <1            Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         2         0            Molybdenum         ppm         ASTM D5185m         1         0            Magnesium         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         <3         0            Calcium         ppm         ASTM D5185m         3         0            Phosphorus         ppm         ASTM D5185m         727         572         652            Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1.00         1.804         1458            Acid Number (AN)         mg KOHg         ASTM D5185m         1.0         0.70					-		
Sodium         ppm         ASTM D5185m         0         <1					-	NEG	
Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         2         0            Molybdenum         ppm         ASTM D5185m         1         0            Manganese         ppm         ASTM D5185m              Magnesium         ppm         ASTM D5185m              Magnesium         ppm         ASTM D5185m         87         90         82            Calcium         ppm         ASTM D5185m         727         572         652            Phosphorus         ppm         ASTM D5185m         900         8444         8400            Zinc         ppm         ASTM D5185m         1500         1804         1458            Sulfur         ppm         ASTM D5185m         1.0         0.70							
Barium         ppm         ASTM D5185m         2         0            Molybdenum         ppm         ASTM D5185m         1         0            Manganese         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         3         0            Calcium         ppm         ASTM D5185m         727         572         652            Phosphorus         ppm         ASTM D5185m         900         844         8400            Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg K0H/g         ASTM D5185m         1.0         0.70	Sodium	ppm			0	<1	
Molybdenum         ppm         ASTM D5185m         1         0            Manganese         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         <3         0            Magnesium         ppm         ASTM D5185m         3         0            Calcium         ppm         ASTM D5185m         72         572         652            Phosphorus         ppm         ASTM D5185m         900         844         840            Zinc         ppm         ASTM D5185m         1500         1804         1458            Sulfur         ppm         ASTM D5185m         1.0         0.70	Boron	ppm	ASTM D5185m		0	0	
Manganese         ppm         ASTM D5185m         <1		ppm				0	
Magnesium         ppm         ASTM D5185m         3         0            Calcium         ppm         ASTM D5185m         87         90         82            Phosphorus         ppm         ASTM D5185m         727         572         652            Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.78         0.70	Molybdenum	ppm	ASTM D5185m				
Calcium         ppm         ASTM D5185m         87         90         82            Phosphorus         ppm         ASTM D5185m         727         572         652            Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.78         0.70	Manganese	ppm					
Phosphorus         ppm         ASTM D5185m         727         572         652            Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.78         0.70	Magnesium	ppm	ASTM D5185m		3	0	
Zinc         ppm         ASTM D5185m         900         844         840            Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg K0H/g         ASTM D8045         1.0         0.78         0.70		ppm	ASTM D5185m	87		82	
Sulfur         ppm         ASTM D5185m         1500         1804         1458            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.78         0.70	Phosphorus	ppm	ASTM D5185m	727	572		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.78 0.70		ppm	ASTM D5185m	900	844	840	
( ) 6 6		ppm	ASTM D5185m	1500	1804	1458	
Visc @ 40°C cSt ASTM D445 65 60.1 63.2	( )	mg KOH/g	ASTM D8045	1.0	0.78		
	Visc @ 40°C	cSt	ASTM D445	65	60.1	63.2	

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL



Sample No. : WE0007610 25135 ONE AVIATION WAY SW Received : 28 Jun 2024 ø Lab Number : 06223394 MADISON, AL Tested : 01 Jul 2024 Unique Number : 11101591 : 01 Jul 2024 - Don Baldridge US 35756 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: HERBERT STONE Certificate L2367 WTE013@WARRIORTRACTOR.COM To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)