

Machine Id **C0001** Component **Hoisting Gearbox** Fluid **TES SYN 295 (--- GAL)**

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TES SYN 295. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

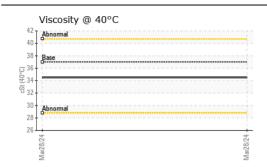
FLUID CONDITION

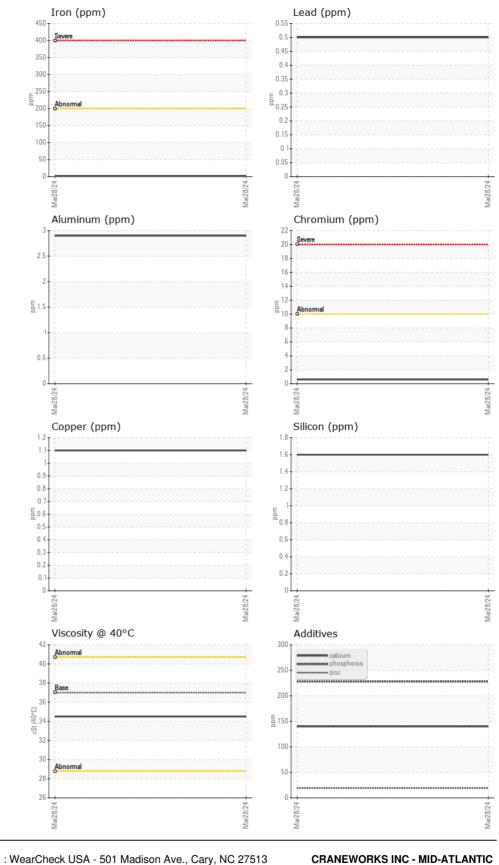
The condition of the oil is acceptable for the time in service.

TestUOMMethodLimit/AbCurrentHistory1History2Sample NumberClient InfoDC0033212Sample DateClient Info28 Mar 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoNot ChangdFilter AnagedClient InfoNot ChangdGoli ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusNORMALChromiumppmASTM D5185>10<1NickelppmASTM D5185>10<1NickelppmASTM D5185>10<1NickelppmASTM D5185-6.1SilverppmASTM D5185-6.1AuminumppmASTM D5185-6.1NordadiumppmASTM D5185-6.1VanadiumppmASTM D5185-6.1VanadiumppmASTM D5185-2Veldow Metalscalar*VisualNONENONESiliconppmASTM D5185-1SiliconppmASTM D5185-3<							
Sample DateClient Info28 Mar 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoNot ChangeOil ChangedClient InfoNot ChangeFilter ChangedClient InfoNot ChangeSample StatusClient InfoNot ChangeIronppmASTM D5185m>2002NickelppmASTM D5185m>10<1NickelppmASTM D5185m>10<1NickelppmASTM D5185m<0<1SilverppmASTM D5185m<0<1LeadppmASTM D5185m<1VanadiumppmASTM D5185m<1Yellow Metalscalar"VisualNONENONESiliconppmASTM D5185m>201Yellow Metalscalar"VisualNONENONESiliconppmASTM D5185m>201SiliconppmASTM D5185m>201SiliconppmASTM D5185m>20NONE <t< th=""><th>Test</th><th>UOM</th><th>Method</th><th>Limit/Abn</th><th>Current</th><th>History1</th><th>History2</th></t<>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil Age bitsIrisClient Info0Gil Age bitshrsClient Info0Filter Age Oil ChangedClient InfoNot ChangdFilter ChangedQClient InfoNot ChangdFilter ChangedQClient InfoNot ChangdSample StatusStM D5185m>2002IronppmASTM D5185m510<1NickelppmASTM D5185m10<1NickelppmASTM D5185mI<1AluminumppmASTM D5185mI3AluminumppmASTM D5185mI1VanadiumppmASTM D5185mI1VanadiumppmASTM D5185mI-1Vellow Metalscalar'VisualNONEISiliconppmASTM D5185m21ISiliconppmASTM D5185mS20IIIValarvisualNONENONEIIIISiliconppmASTM D5185mS20IIIIIISiliconppmASTM D5185mS20IIIIII	Sample Number		Client Info		DC0033212		
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Filter Age OII ChangedClient InfoOCil ChangedClient InfoNot ChanggFilter ChangedClient InfoNot ChanggSample StatusVieneNORMALIronppmASTM D5185m>2002NickelppmASTM D5185m>10<1NickelppmASTM D5185m>10<1NickelppmASTM D5185m>10<1SilverppmASTM D5185m<1AluminumppmASTM D5185m<1LeadppmASTM D5185m<1VanadiumppmASTM D5185m<1VanadiumppmASTM D5185mPO1Vellow Metalscalar'VisualNONENONESiliconppmASTM D5185m201SiliconppmASTM D5185m201SiliconppmASTM D5185m201SiliconppmASTM D5185m201SiliconppmASTM D5185m201SoliconppmASTM D5185m201Silicon <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th>	Machine Age	hrs	Client Info		0		
Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185n>2002ChromiumppmASTM D5185n>10<1NickelppmASTM D5185n>10<1NickelppmASTM D5185n>10<1SilverppmASTM D5185n<1AluminumppmASTM D5185n<1LeadppmASTM D5185n<1CopperppmASTM D5185n<1VanadiumppmASTM D5185n<1VanadiumppmASTM D5185n<1Vellow Metalscalar'VisualNONEISiliconppmASTM D5185n>201VaterVO Method0.2NEGISiliconppmASTM D5185n201Siliconscalar'VisualNONEISiliconppmASTM D5185n201SiliconppmASTM D5185n201SiliconppmASTM D5185n201SiliconppmASTM D5185n>101SoliconppmASTM D5185n <th>Oil Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th>	Oil Age	hrs	Client Info		0		
Filter Changed Sample StatusClient InfoNot Changed NORMAL	Filter Age	hrs	Client Info		0		
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Titanium ppm ASTM D5185m <1							
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White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>201PotassiumppmASTM D5185m>201WaterWC Method>0.2NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185m0<11BoronppmASTM D5185m0<11MalybdenumppmASTM D5185m0<11ManganeseppmASTM D5185m100<140MagnesiumppmASTM D5185m100140PhosphorusppmASTM D5185m019SulfurppmASTM D5185m1500941							
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Emulsified Water scalar *Visual >0.2 NEG Sodium ppm ASTM D5185m 3 Boron ppm ASTM D5185m 85 96 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 10 <1 Phosphorus ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941					-		
Sodium ppm ASTM D5185m 3 Boron ppm ASTM D5185m 85 96 Barium ppm ASTM D5185m 0 <1 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 1 2 Calcium ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941					-		
Boron ppm ASTM D5185m 85 96 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 0 <1 Calcium ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 0 19	Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 85 96 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 1 2 Calcium ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 0 19	Sodium	ppm	ASTM D5185m		3		
Barium ppm ASTM D5185m 0 <1			ASTM D5185m	85	96		
Manganese ppm ASTM D5185m 0 <1	Barium		ASTM D5185m	0	<1		
Manganese ppm ASTM D5185m 0 <1	Molybdenum		ASTM D5185m	0	<1		
Magnesium ppm ASTM D5185m 1 2 Calcium ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941			ASTM D5185m	0	<1		
Calcium ppm ASTM D5185m 100 140 Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941	Magnesium		ASTM D5185m	1	2		
Phosphorus ppm ASTM D5185m 200 228 Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941	Calcium	ppm	ASTM D5185m	100	140		
Zinc ppm ASTM D5185m 0 19 Sulfur ppm ASTM D5185m 1500 941	Phosphorus	ppm	ASTM D5185m	200	228		
	Zinc	ppm	ASTM D5185m	0	19		
Visc @ 40°C cSt ASTM D445 37.0 34.5	Sulfur	ppm	ASTM D5185m	1500	941		
	Visc @ 40°C	cSt	ASTM D445	37.0	34.5		

Contact/Location: JASON WILDE - CRAASHMA

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL







Sample No. Received 11089 LEADBETTER ROAD : DC0033212 : 15 Apr 2024 Lab Number : 06149110 Tested : 16 Apr 2024 ASHLAND, VA Diagnosed Unique Number : 10979188 : 16 Apr 2024 - Wes Davis US 23005 Test Package : MOB 1 Contact: JASON WILDE Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. jcwilde@vacraneworks.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Laboratory

Contact/Location: JASON WILDE - CRAASHMA Page 2 of 2

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