

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id ROSHARON T-1111

Transmission (Auto)

{not provided} (--- GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

CONTAMINATION

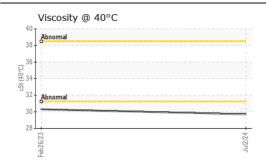
There is no indication of any contamination in the fluid.

FLUID CONDITION

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

TestUOMMethodLimit/MCurrentHistory1History2Sample NumberClient Info02 Jul 202428 Feb 2023Sample DateClient Info00Machine AgehrsClient Info000Filter AgehrsClient InfoN/AN/AFilter AgehrsClient InfoN/AN/AFilter ChangedClient InfoN/AN/AFilter ChangedClient InfoN/AN/ASample StatusVVNORMALIronppmASTM D5185m>500NickelppmASTM D5185m>500NickelppmASTM D5185m>500SilverppmASTM D5185m>50122AluminumppmASTM D5185m>5012VanadiumppmASTM D5185m>501VanaduumppmASTM D5185m>201Nithe Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>2023YatlobusppaASTM D5185m>2023SiliconppmASTM D5185m>2023YatlobusppaASTM D5185m>202Silicon<							
Sample DateClient Info02 Jul 202422 Feb 2023Machine AgehrsClient Info00Oil AgehrsClient Info00Filter AgehrsClient InfoN/AN/AOil ChangedClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>1604030NickelppmASTM D5185m>500NickelppmASTM D5185m>500SilverppmASTM D5185m>5012AluminumppmASTM D5185m>5012VanadiumppmASTM D5185m>5012VanadiumppmASTM D5185m>501VanadiumppmASTM D5185m>501VanadiumppmASTM D5185m>202VanadiumppmASTM D5185m>202VanadiumppmASTM D5185m>202VanadiumppmASTM D5185m>202VanadiumppmASTM D5185m>202Vanadiump	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info N/A N/A Oil Changed Client Info N/A N/A Filter Changed Client Info N/A N/A Sample Status Client Info N/A N/A Iron ppm ASTM D5185m >160 40 30 Nickel ppm ASTM D5185m >55 0 0 Silver ppm ASTM D5185m >50 1 2 Qopper ppm ASTM D5185m >50 1 Vanadum ppm ASTM D5185m >50 1 Vanadum ppm ASTM D5185m >20 2 3 Vanadum ppm ASTM D5185m >20	Sample Number		Client Info		WC0941951	WC0710342	
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Filter 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 ASTM D5185m >50 0 <1 Nickel ppm ASTM D5185m >50 0 <1 Nickel ppm ASTM D5185m >50 0 <1 Aluminum ppm ASTM D5185m >50 2 3 Aluminum ppm ASTM D5185m >50 1 2 Qopper ppm ASTM D5185m >50 1 2 Vanaduum ppm ASTM D5185m >20 2 3 Vellow Metal scalar *Visual NONE NONE NONE <	Machine Age	hrs	Client Info		0	0	
Oil ChangedClient InfoN/AN/AFilter ChangedClient InfoN/AN/ASample StatusClient InfoNORMALNORMALNORMALIronppmASTM D5185m>1604030ChromiumppmASTM D5185m>50<1NickelppmASTM D5185m>500NickelppmASTM D5185m>50<1SilverppmASTM D5185m>5023AuminumppmASTM D5185m>5012LeadppmASTM D5185m>5012VanadiumppmASTM D5185m>100<1VanadiumppmASTM D5185m>100<1VanadiumppmASTM D5185m>2023Yellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>20222Sulfurscalar*VisualNONENONENONESoliconppmASTM D5185m>20222Sulfurscalar*VisualNONENONENONESoliconppmASTM D5185m>2022SoliconppmASTM D5185m>20NONE	Oil Age	hrs	Client Info		0	0	
Filter Changed Client Info N/A N/A N/A N/A Filter Changed Sample Status Client Info N/A NORIMAL NORIMAL Iron ppm ASTM D5185m >160 40 30 Chromium ppm ASTM D5185m >5 0 <1 Nickel ppm ASTM D5185m >5 0 <1 Silver ppm ASTM D5185m >50 2 3 Aluminum ppm ASTM D5185m >50 1 2 Aluminum ppm ASTM D5185m >50 1 2 Vanadium ppm ASTM D5185m >10 0 <1 Vanadum ppm ASTM D5185m >20 2 3 Vanadum ppm ASTM D5185m >20 2 2 Vanadum ppm ASTM D5185m >20 <t< th=""><th>Filter Age</th><th>hrs</th><th>Client Info</th><th></th><th>0</th><th>0</th><th></th></t<>	Filter Age	hrs	Client Info		0	0	
Sample Status NORMAL NORMAL Iron ppm ASTM 05185m >160 40 30 Chromium ppm ASTM 05185m >5 0 <1 Nickel ppm ASTM 05185m >5 0 0 Nickel ppm ASTM 05185m >5 0 <1 Silver ppm ASTM 05185m >50 2 3 Aluminum ppm ASTM 05185m >50 1 2 Lead ppm ASTM 05185m >50 1 2 Vanadium ppm ASTM 05185m >10 0 <1 Vanadum ppm ASTM 05185m >10 0 <1 Vanadum ppm ASTM 05185m >20 2 3 Vanadum ppm ASTM 05185m >20 2 2	Oil Changed		Client Info		N/A	N/A	
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Image ASTM D5185m >50 O <1							
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Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m >5 0 <1 Aluminum ppm ASTM D5185m >50 2 3 Lead ppm ASTM D5185m >50 1 2 Copper ppm ASTM D5185m >225 54 58 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >20 2 3 Vellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 2 3 Silit scalar *Visual NONE NONE NON					-		
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Lead ppm ASTM D5185m >50 1 2 Copper ppm ASTM D5185m >225 54 58 Tin ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 White Metal scalar *Visual NONE NONE MODER Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 2 2 Vater WC Method >0.1 NEG NONE Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Appearance scalar *Visual NORH NORML NORML Sodium ppm ASTM D5185m 4 <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Copper ppm ASTM D5185m >225 54 58 Tin ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 White Metal scalar *Visual NONE NONE MODER Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 2 3 Potassium ppm ASTM D5185m >20 2 2 Water WC Method >0.1 NEG NONE Sad/Dirt scalar *Visual NONE NONE NORML Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Godor scalar *Visual	Aluminum	ppm	ASTM D5185m	>50	_		
TinppmASTM D5185m>100<1	Lead	ppm	ASTM D5185m	>50	1	2	
VanadiumppmASTM D5185m000White Metalscalar*VisualNONENONEMODERYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20222PotassiumppmASTM D5185m>2022WaterWC Method>0.1NEGNEGSilitscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m<1<1MaganeseppmASTM D5185m<11MagnesiumppmASTM D5185m<1<1MagnesiumppmASTM D5185m3231PhosphorusppmASTM D5185m3231SoliturppmASTM D5185m3231MagnesiumppmASTM D5185m3231SulfurppmASTM D5185m3231Sulfur </th <th>Copper</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>225</th> <th>54</th> <th>58</th> <th></th>	Copper	ppm	ASTM D5185m	>225	54	58	
White Metalscalar*VisualNONENONEMODERYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>2023PotassiumppmASTM D5185m>2022WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m<41<1MolybdenumppmASTM D5185m<11<1ManganeseppmASTM D5185m<11<1ManganesumppmASTM D5185m347339PhosphorusppmASTM D5185m3231ZincppmASTM D5185m3231SulfurppmASTM D5185m3231SulfurppmASTM D5185m3231SulfurppmASTM D5185m3231Manganesumppm <th>Tin</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>10</th> <th>0</th> <th><1</th> <th></th>	Tin	ppm	ASTM D5185m	>10	0	<1	
Yellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>2023PotassiumppmASTM D5185m>2022WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m<1<1MolybdenumppmASTM D5185m<1<1ManganeseppmASTM D5185m<1<1MagnesiumppmASTM D5185m347339PhosphorusppmASTM D5185m3231ZincppmASTM D5185m3231SulfurppmASTM D5185m3231	Vanadium	ppm	ASTM D5185m		0	0	
SiliconppmASTM D5185m>2023PotassiumppmASTM D5185m>2022WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m<41<1MalganeseppmASTM D5185m<<1<1MagnesiumppmASTM D5185m<<1<1MagnesiumppmASTM D5185m<347339PhosphorusppmASTM D5185m<3231ZincppmASTM D5185m3889732	White Metal	scalar	*Visual	NONE	NONE	MODER	
PotassiumppmASTM D5185m>2022WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m<41<1MolybdenumppmASTM D5185m<11<1MagnesiumppmASTM D5185m<11<1MagnesiumppmASTM D5185m<347339PhosphorusppmASTM D5185m347339ZincppmASTM D5185m3231SulfurppmASTM D5185m3889732	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m41<1MalganeseppmASTM D5185m<111MagnesiumppmASTM D5185m<79PhosphorusppmASTM D5185m347339ZincppmASTM D5185m3231SulfurppmASTM D5185m3231	Silicon	ppm	ASTM D5185m	>20	2	3	
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<1<1MolybdenumppmASTM D5185m<11MagnesiumppmASTM D5185m779CalciumppmASTM D5185m347339PhosphorusppmASTM D5185m179165ZincppmASTM D5185m3231SulfurppmASTM D5185m889732	Potassium	ppm	ASTM D5185m	>20	2	2	
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*VisualNORNORMLNORMLSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<<1<1MolybdenumppmASTM D5185m<<1<1MagnesiumppmASTM D5185m<<79<CalciumppmASTM D5185m347339PhosphorusppmASTM D5185m3231ZincppmASTM D5185m889732	Water		WC Method	>0.1	NEG	NEG	
Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<111MolybdenumppmASTM D5185m<111MagnesiumppmASTM D5185m<719CalciumppmASTM D5185m347339PhosphorusppmASTM D5185m179165ZincppmASTM D5185m3231SulfurppmASTM D5185m3889732	Silt	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<<1<1MolybdenumppmASTM D5185m<<11ManganeseppmASTM D5185m<<1<1MagnesiumppmASTM D5185m<347339PhosphorusppmASTM D5185m3231ZincppmASTM D5185m3231SulfurppmASTM D5185m889732	Debris	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<1<1MolybdenumppmASTM D5185m<1<1ManganeseppmASTM D5185m<1<1MagnesiumppmASTM D5185m<79CalciumppmASTM D5185m347339PhosphorusppmASTM D5185m3231ZincppmASTM D5185m3889732	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m42BoronppmASTM D5185m3035BariumppmASTM D5185m<1<1MolybdenumppmASTM D5185m<1<1ManganeseppmASTM D5185m<11<1MagnesiumppmASTM D5185m<11<1CalciumppmASTM D5185m347339PhosphorusppmASTM D5185m179165ZincppmASTM D5185m3231SulfurppmASTM D5185m889732	Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium ppm ASTM D5185m 4 2 Boron ppm ASTM D5185m 30 35 Barium ppm ASTM D5185m <1 <1 Molybdenum ppm ASTM D5185m <1 <1 Molybdenum ppm ASTM D5185m <1 1 Manganese ppm ASTM D5185m <1 <1 Magnesium ppm ASTM D5185m <1 <1 Calcium ppm ASTM D5185m 347 339 Phosphorus ppm ASTM D5185m 179 165 Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Odor	scalar	*Visual	NORML	NORML	NORML	
Boron ppm ASTM D5185m 30 35 Barium ppm ASTM D5185m <1 <1 Molybdenum ppm ASTM D5185m <1 1 Molybdenum ppm ASTM D5185m <1 1 Manganese ppm ASTM D5185m <1 <1 Magnesium ppm ASTM D5185m 7 9 Calcium ppm ASTM D5185m 347 339 Phosphorus ppm ASTM D5185m 179 165 Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
Barium ppm ASTM D5185m <1	Sodium	ppm	ASTM D5185m		4	2	
Molybdenum ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m		30	35	
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		<1	<1	
Magnesium ppm ASTM D5185m 7 9 Calcium ppm ASTM D5185m 347 339 Phosphorus ppm ASTM D5185m 179 165 Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Molybdenum	ppm	ASTM D5185m		<1	1	
Calcium ppm ASTM D5185m 347 339 Phosphorus ppm ASTM D5185m 179 165 Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Manganese	ppm	ASTM D5185m		<1	<1	
Phosphorus ppm ASTM D5185m 179 165 Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Magnesium	ppm	ASTM D5185m		7	9	
Zinc ppm ASTM D5185m 32 31 Sulfur ppm ASTM D5185m 889 732	Calcium	ppm	ASTM D5185m		347	339	
Sulfur ppm ASTM D5185m 889 732	Phosphorus	ppm	ASTM D5185m		179	165	
	Zinc	ppm	ASTM D5185m		32	31	
	Sulfur						
	Sullui	ppm	ASTM D5185m		889	732	

Contact/Location: Natalie Perrone - SIDFRI





Sample No. : WC0941951 Received : 03 Jul 2024 4401 REX RD FRIENDSWOOD, TX Lab Number : 06227984 Tested : 05 Jul 2024 Unique Number : 11111477 Diagnosed : 05 Jul 2024 - Wes Davis US 77546 Test Package : CONST **Contact: Natalie Perrone** Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. nperrone@siddons-martin.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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

Contact/Location: Natalie Perrone - SIDFRI Page 2 of 2

SIDDONS-MARTIN EMERGENCY GROUP

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