

Machine Id **CAPACITY 0807102** Component **Transmission (Auto)** Fluid **CASTROL TRANSYND (20 QTS)**

RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

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Moderate concentration of visible metal present. All component wear rates are normal.

CONTAMINATION

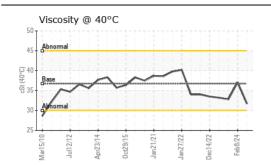
There is no indication of any contamination in the fluid.

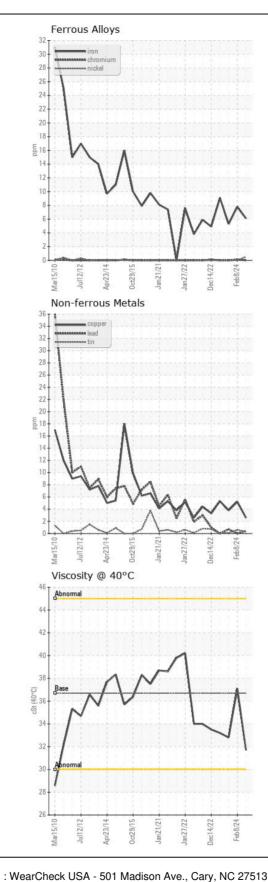
	FLUID CONDI	TION
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The condition of the fluid is acceptable for the time in service.

Sample DateClient InfoZ Jun 202408 Feb 202411 Aug 202Machine AgehrsClient Info210812051919643Oil AgehrsClient Info5621461585Filter AgehrsClient Info526876585Oil ChangedClient InfoChangedChangedChangedFilter ChangedClient InfoChangedChangedChangedSample StatusClient InfoChangedChangedChangedIronppmASTM D5185n>206885ChromiumppmASTM D5185n>20<100NickelppmASTM D5185n>5<100ItaniumppmASTM D5185n>5<100AluminumppmASTM D5185n>5<100AluminumppmASTM D5185n>5<1<11CopperppmASTM D5185n>5<1<1<1VanadiumppmASTM D5185n>5<1<1<1VanadiumppmASTM D5185n>233<1VisualNONEMODENONENONENONENONEVille Metalscalar"VisualNONENONENONENONESiliconppmASTM D5185n>201<1<1VaradiumppmASTM D5185n>201<1NONESiliconp							
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Oil AgehrsClient Info5621461585Filter AgehrsClient InfoS26876585Oil ChangedClient InfoKot ChangedChangedNot ChangedFilter ChangedIClient InfoChangedChangedChangedSample StatusSSSSSSIronppmASTM D518m>230685ChromiumppmASTM D518m>20<100NickelppmASTM D518m>20<100SilverppmASTM D518m>53000AluminumppmASTM D518m>553311CopperppmASTM D518m>5<1<1<1VanadiumppmASTM D518m>50<1<1<1VanadiumppmASTM D518m>50<1<1<1VanadiumppmASTM D518m>50<1<1<1VanadiumppmASTM D518m>2033<1<1VanadiumppmASTM D518m>201<1<1<1VanadiumppmASTM D518m>201<1<1<1VanadiumppmASTM D518m>201<1<1<1VanadiumppmASTM D518m>201<1<1<1VanadiumppmASTM D518m>201	Sample Date		Client Info		27 Jun 2024	08 Feb 2024	11 Aug 2023
Filter Age Filter AgeInsClient Info526876585Oil ChangedClient InfoNot ChangChangedNot ChangedNot ChangedChangedChangedChangedSample StatusClient InfoChangedChangedChangedChangedChangedChangedSample StatusABNORMALNORMALNORMALIronppmASTM D5185m>20685ChromiumppmASTM D5185m>20<100NickelppmASTM D5185m>5<100 <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>21081</th> <th>20519</th> <th>19643</th>	Machine Age	hrs	Client Info		21081	20519	19643
Oli ChangedClient InfoNot ChangedChangedNot ChangedFilter ChangedClient InfoChangedChangedChangedChangedSample StatusVASIN DS185>20ASIN ORMALNORMALIronppmASIM DS185>20G35ChromiumppmASIM DS185>2O<10NickelppmASIM DS185>2O<10SilverppmASIM DS185>2O<10SilverppmASIM DS185>5O00AluminumppmASIM DS185>5<10<1LeadppmASIM DS185>5<10<1CopperppmASIM DS185>5<1<1<1VanadiumppmASIM DS185>5<1<1<1VanadiumppmASIM DS185>20ANONENONEVisualNONEMODERNONENONENONENONESiliconppmASIM DS185>201<11WaterVisualNONENONENONENONENONESiliconppmASIM DS185>201<11WatervisualNONENONENONENONENONESiliconppmASIM DS185>201<11Oberisscalar'visualNORNORENORENORESilico	Oil Age	hrs	Client Info		562	1461	585
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Chromium ppm ASTM D5185m >2 0 <1	Sample Status				ABNORMAL	NORMAL	NORMAL
Image ASTM D5185m >2 0 <1	Iron	maa	ASTM D5185m	>230	6	8	5
Nickel ppm ASTM D5185m >5 <1	Chromium			>2	0	<1	
Titanium ppm ASTM D5185m >2 0 <1				>5	<1		0
Silver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >56 2 2 <1						-	÷
Aluminum ppm ASTM D5185m >65 2 2 <1							-
Lead ppm ASTM D5185m >55 <1					-		<1
CopperppmASTM D5185m>85354TinppmASTM D5185m>5<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1 <th></th> <th></th> <th></th> <th></th> <th><1</th> <th></th> <th></th>					<1		
TinppmASTM D5185m< >5<1	Copper		ASTM D5185m	>85	3	5	4
VanadiumppmASTM D5185m0000White Metalscalar*VisualNONEMODERNONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESiliconppmASTM D5185m>203231WaterWC Method>0.1NEGNEGNEGSilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMNORMLNORMNORMOdorscalar*VisualNORMLNORMLNORMLNORMBoronppmASTM D5185m0000MolybdenumppmASTM D5185m00<110MagnesiumppmASTM D5185m022110MagnesiumppmASTM D5185m02110			ASTM D5185m	>5	<1	<1	<1
White Metalscalar*VisualNONEMODERNONENONENONEYellow Metalscalar*VisualNONENONENONENONENONENONESiliconppmASTM D5185m>20323PotassiumppmASTM D5185m>201<11WaterWC Method>0.1NEGNEGNEGSiliscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMOdorscalar*VisualNORMNORMLNORMLNORMBoronppmASTM D5185m13354481175BariumppmASTM D5185m0000MolybelenumppmASTM D5185m00<10MagnesiumppmASTM D5185m27121131119	Vanadium		ASTM D5185m		0	0	0
SiliconppmASTM D5185m>20323PotassiumppmASTM D5185m>201<1	White Metal	scalar	*Visual	NONE	A MODER	NONE	NONE
PotassiumppmASTM D5185m>201<1	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
PotassiumppmASTM D5185m>201<1	Silicon	nnm	ASTM D5185m	<u>~20</u>	3	2	3
WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m1335481175BariumppmASTM D5185m0000MagnesiumppmASTM D5185m021110CalciumppmASTM D5185m27121131119					-		
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Appearancescalar*VisualNORML<					-		NONE
Odorscalar*VisualNORML <t< th=""><th>Sand/Dirt</th><th>scalar</th><th>*Visual</th><th>NONE</th><th>NONE</th><th>NONE</th><th>NONE</th></t<>	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m344BoronppmASTM D5185m1335481175BariumppmASTM D5185m0000MolybdenumppmASTM D5185m0000ManganeseppmASTM D5185m02110MagnesiumppmASTM D5185m27121131119	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sodium ppm ASTM D5185m 3 4 4 Boron ppm ASTM D5185m 133 54 81 75 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 2 11 0 Calcium ppm ASTM D5185m 27 121 131 119	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Boron ppm ASTM D5185m 133 54 81 75 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 2 11 0 Calcium ppm ASTM D5185m 27 121 131 119	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Boron ppm ASTM D5185m 133 54 81 75 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 2 11 0 Calcium ppm ASTM D5185m 27 121 131 119	Sodium		ASTM D5185m		3	4	4
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 0 <1				133			
Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 <1 0 Magnesium ppm ASTM D5185m 0 2 11 0 Calcium ppm ASTM D5185m 27 121 131 119							
Manganese ppm ASTM D5185m 0 <1							
Magnesium ppm ASTM D5185m 0 2 11 0 Calcium ppm ASTM D5185m 27 121 131 119						<1	
Calcium ppm ASTM D5185m 27 121 131 119	Magnesium		ASTM D5185m	0	2		0
	-			27	121	131	119
	Phosphorus	ppm	ASTM D5185m	293	239	225	221
Zinc ppm ASTM D5185m 0 0 14 0			ASTM D5185m		0	14	0
Sulfur ppm ASTM D5185m 1050 2358 1906 1868	Sulfur	ppm	ASTM D5185m	1050	2358	1906	1868
Visc @ 40°C cSt ASTM D445 36.7 31.7 37.1 32.8	Visc @ 40°C		ASTM D445		31.7	37.1	

Contact/Location: CARLOS RENTERIA - DOLSANCA





DOLE FRESH FRUIT COMPANY 10TH AVENUE MARINE TERMINAL, 850 WATER STREET SAN DIEGO, CA : 17 Jul 2024 - Don Baldridge US 92101

Certificate L2367

Unique Number : 11126029 Diagnosed Test Package : FLEET Contact: CARLOS RENTERIA To discuss this sample report, contact Customer Service at 1-800-237-1369. carlos.renteria@dole.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (619)615-1723 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (619)236-0703

Received

Tested

: 15 Jul 2024

: 17 Jul 2024

Laboratory

Sample No.

Lab Number : 06237195

: WC0855746

Contact/Location: CARLOS RENTERIA - DOLSANCA Page 2 of 2