WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL ABNORMAL

[2402190138/1]

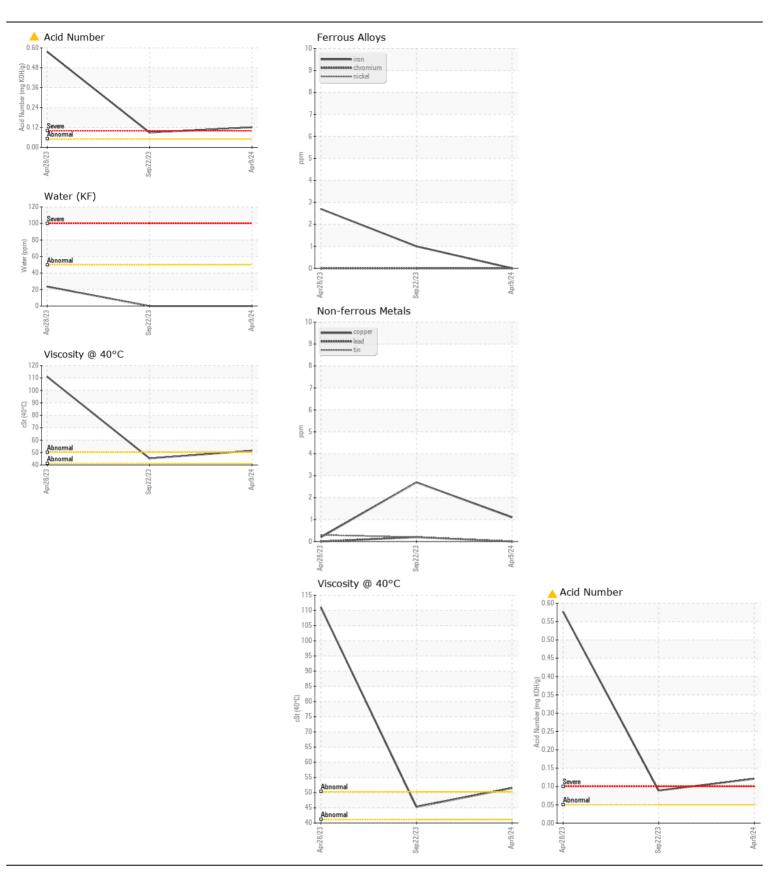
TRANE Y & S CANDY CHILLER 6 (S/N L95K09769)

Refrigeration Compressor

TRANE 0022 (8 GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
						WC06645
·		Client Info		-	·	28 Apr 20
	hrs				0	8358
	hrs					0
	hrs					0
				_		N/A
-		Client Info		•	_	Change
Sample Status				ABNORMAL	ATTENTION	ABNORN
Iron	ppm	ASTM D5185m	>8	0	1	3
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	0	1	0
Lead	ppm	ASTM D5185m	>2	0	<1	0
Copper	ppm	ASTM D5185m	>8	1	3	<1
Tin	ppm	ASTM D5185m	>4	0	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NON
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NON
Silicon	ppm	ASTM D5185m	>15	3	4	0
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water	%	ASTM D6304	>0.005	0.00	0.00	0.00
ppm Water	ppm	ASTM D6304	>50	0	0.00	23.5
Silt	scalar	*Visual	NONE	NONE	NONE	NON
Debris	scalar	*Visual	NONE	NONE	NONE	NON
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NON
Appearance	scalar	*Visual	NORML	NORML	NORML	NOR
Odor	scalar	*Visual	NORML	NORML	NORML	NOR
Emulsified Water	scalar	*Visual	>0.005	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	0	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		0	1	0
Phosphorus	ppm	ASTM D5185m		15	2	<1
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		0	1	334
Sullul	ppiii	710 1111 00 100111		•	'	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Water ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water % ppm Water % ppm Water ppm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus Zinc ppm	Sample Number Sample Date Client Info Machine Age Oil Age hrs Client Info Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vandum Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vanual Silicon Ppm ASTM D5185m Vastal Visual Silicon Ppm ASTM D5185m Vater % ASTM D5185m Vater Scalar *Visual Appearance Scalar *Visual Silt Scalar *Visual Appearance Scalar Scalar *Visual Appearance Scalar Scalar *Visual Appearance Scalar Appearance Scalar Scalar *Visual Appearance Scalar Appearance Appearanc	Sample Number Sample Date Sample Date Machine Age Inro Client Info Filter Age Inro Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Silver ppm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m White Metal scalar ASTM D5185m White Metal scalar ASTM D5185m ASTM D6304 Client Info Calent Info Calent Info ASTM D5185m ASTM D518	Sample Number Client Info WC0798538 Sample Date Client Info 09 Apr 2024 Machine Age hrs Client Info 10704 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status ABNORMAL Iron ppm ASTM D5185m >8 0 Chromium ppm ASTM D5185m >2 0 Nickel ppm ASTM D5185m >2 0 Nickel ppm ASTM D5185m >2 0 Silver ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >3 0 Lead ppm ASTM D5185m >2 0 Copper ppm ASTM D5185m >4 0 Vanadium ppm ASTM D5185m >4 0	Sample Number Client Info WC0798538 WC0664534 Sample Date Client Info 09 Apr 2024 22 Sep 2023 Machine Age hrs Client Info 0 3 Oil Age hrs Client Info 0 3 Filter Age hrs Client Info Changed Changed Filter Changed Client Info Changed Changed Sample Status ASTM D5185m ABNORMAL ATTENTION Iron ppm ASTM D5185m >8 0 1 Chromium ppm ASTM D5185m >2 0 0 Nickel ppm ASTM D5185m >2 0 0 Silver ppm ASTM D5185m >2 0 0 Silver ppm ASTM D5185m >2 0 0 Aluminum ppm ASTM D5185m >3 0 1 Lead ppm ASTM D5185m >3 0 1 Vanadium

Contact/Location: ANDREW TURLINGTON - MCQUPP







Certificate L2367

Report Id: MCQUPP [WUSCAR] 06152042 (Generated: 04/22/2024 16:41:49) Rev: 1

Laboratory Sample No.

: WC0798538 Lab Number : 06152042 Unique Number: 10982120 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Apr 2024 **Tested**

: 18 Apr 2024 : 22 Apr 2024 - Jonathan Hester Diagnosed

DAIKIN APPLIED

5021 HOWERTON WAY SUITE P BOWIE, MD US 20715

Contact: ANDREW TURLINGTON

To discuss this sample report, contact Customer Service at 1-800-237-1369. andrew.turlington@daikinapplied.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (301)735-1440

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: ANDREW TURLINGTON - MCQUPP

F: (301)735-1838