

OIL ANALYSIS REPORT

Area Marcus Hook/Cryogenic/Compressor CRYOGENIC COMPRESSOR 30-C-101B

Rotary Compressor Fluid FRICK 18 (220 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. (Customer Sample Comment: Frick #18)

Wear

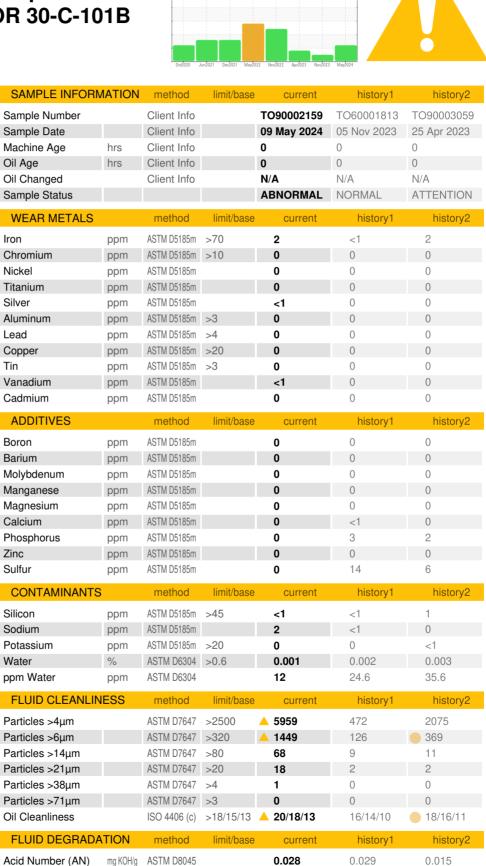
All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

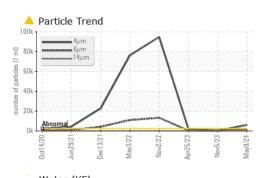


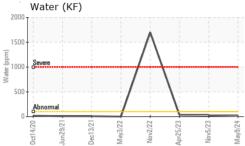
Sample Rating Trend

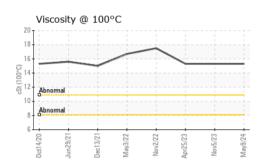
ISO

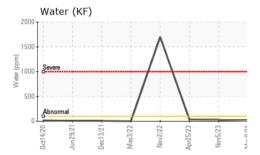


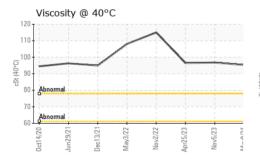
OIL ANALYSIS REPORT











VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.6	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		95.3	96.8	96.5
Visc @ 100°C	cSt	ASTM D445		15.3	15.3	15.3

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SAMPLE IMAGES method limit/base

ASTM D2270

Scale

Viscosity Index (VI)

Color

Bottom



167

history2

167

GRAPHS Ferrous Alloys Particle Count 491.52 122,880 icke 30.72 20 8 0ct14/20 w9/74 1av3/77 4406: per ec] 18 1 92 1999 Cle 480 16 Non-ferrous Metals 120 14 12 00 30 lec13/7 Aav3/77 w9/74 Oct14 140 214 384 Viscosity @ 40°C Acid Number (B/H0.30 120 cSt (40°C) 08 cSt (40°C) E 0.20 e 0.10 Abno Acid No.00 60 May9/24 -/lay3/22 Apr25/23 ov5/23 Jec13/21 lav9/24 Dec13/21 lav3/22 : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **ENERGY TRANSFER - MARCUS HOOK** : TO90002159 Received : 17 May 2024 2ND & GREEN STREETS Tested : 20 May 2024 MARCUS HOOK, PA Lab Number : 06182939 Diagnosed : 21 May 2024 - Don Baldridge US 19061

Unique Number : 11034265 Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Laboratory

Sample No.

* - 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)

Report Id: ETCMHOOK [WUSCAR] 06182939 (Generated: 05/21/2024 11:53:46) Rev: 1

Submitted By: ERIC THORNTON Page 2 of 2

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