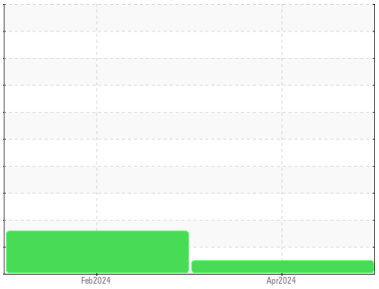
CLEANLINESS TEST REPORT

Sample Rating Trend



NORMAL

Area
[651003-0014]
Part Number
AT503300
Component
Hose Assembly
Fluid
KEROSENE (695 mL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. The hose or hose assembly fluid sample for analysis was collected in accordance with ISO/TS 18409 : Hydraulic fluid power - Methods of collecting a fluid sample for analysing the cleanliness of a hose or hose assembly.

Contamination

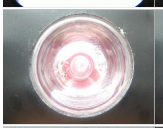
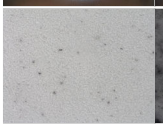
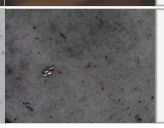
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. Cleanliness as per JDS-G169 Fluid Cleanliness Class 5.4 (ISO 4406 --/20/15).

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**PH**	PH	---
Sample Date		Client Info		**01 Apr 2024**	05 Feb 2024	---
Machine Age	hrs	Client Info		**0**	0	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**N/A**	N/A	---
Sample Status				**NORMAL**	ABNORMAL	---

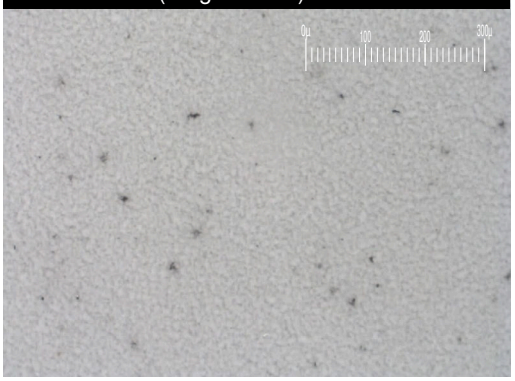
CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method		**NEG**	NEG	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		**6166**	64805	---
Particles >6µm		ASTM D7647	>10000	**1805**	▲ 31494	---
Particles >14µm		ASTM D7647	>320	**119**	▲ 1913	---
Particles >21µm		ASTM D7647	>80	**25**	▲ 399	---
Particles >38µm		ASTM D7647	>20	**2**	18	---
Particles >71µm		ASTM D7647	>4	**0**	1	---
Oil Cleanliness		ISO 4406 (c)	>--/20/15	**20/18/14**	▲ 23/22/18	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	---
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	---
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	---
Silt	scalar	Visual*	NONE	**NONE**	NONE	---
Debris	scalar	Visual*	NONE	**NONE**	NONE	---
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	---
Appearance	scalar	Visual*	NORML	**NORML**	NORML	---
Odor	scalar	Visual*	NORML	**NORML**	NORML	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					*no image*
Bottom					*no image*
PrtFilter					*no image*

Particle Filter (Magn: 100 x)



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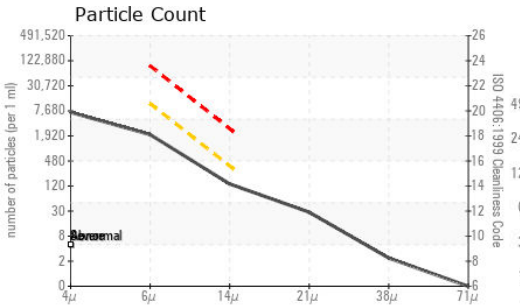
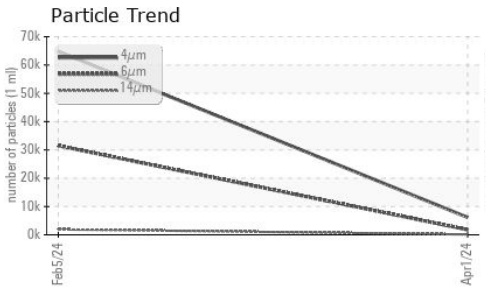
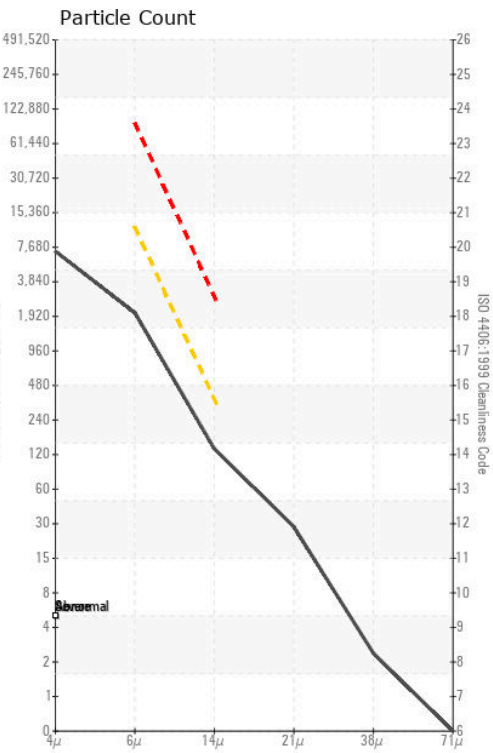




GRAPHS



CALA
ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PH
Lab Number : 02625936
Unique Number : 5759068
Test Package : TEST (Additional Tests: PrtCount, PrtFilter, PrtFilterPic)

Received : 02 Apr 2024
Tested : 02 Apr 2024
Diagnosed : 02 Apr 2024 - Bill Quesnel

To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
Validity of results and interpretation are based on the sample and information as supplied.

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