

OIL ANALYSIS REPORT

[168882] HCP G1 GOV

Governor System

ESSO TERESSO ISO 68 (91 LTR)



Sample Rating Trend



Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

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SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC985061	WC982593	WC982481
Sample Date		Client Info		03 Feb 2019	24 Oct 2018	12 Apr 2018
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		8	9	0
Iron	ppm	ASTM D5185(m)	>50	6	6	6
Chromium	ppm	ASTM D5185(m)		<1	<1	<1
Nickel	ppm	ASTM D5185(m)		<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>3	0	<1	0
Lead	ppm	ASTM D5185(m)	>75	1	1	1
Copper	ppm	ASTM D5185(m)	>15	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>55	1	1	2
Antimony	ppm	ASTM D5185(m)		<1	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		3	2	2
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	4.5	0	0	<1
Barium	ppm	ASTM D5185(m)	0.4	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		<1	<1	0
Magnesium	ppm	ASTM D5185(m)	0	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	0	<1	<1	0
Phosphorus	ppm	ASTM D5185(m)	0.7	21	21	21
Zinc	ppm	ASTM D5185(m)	0	126	123	123
Sulfur	ppm	ASTM D5185(m)	1315	2076	2083	2091
Lithium	ppm	ASTM D5185(m)		<1	0	<1
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>8	0	0	<1
Sodium	ppm	ASTM D5185(m)		<1	0	<1

Potassium

ppm

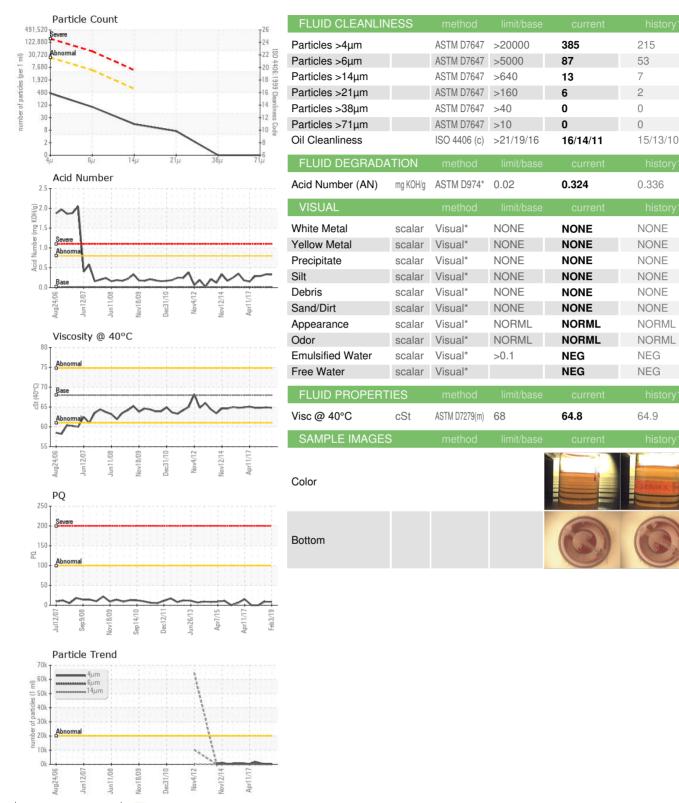
ASTM D5185(m) >20

0

<1



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CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC985061

: 02285565 : 4864809

Received Diagnosed

: 16 May 2019 : 17 May 2019 Diagnostician : Kevin Marson Test Package : IND 2 (Additional Tests: PrtCount, TAN Man)

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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715

150

14

4

0

0

17/14/11

0.292

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NEG NEG

64.8

no image

NORML