



PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY

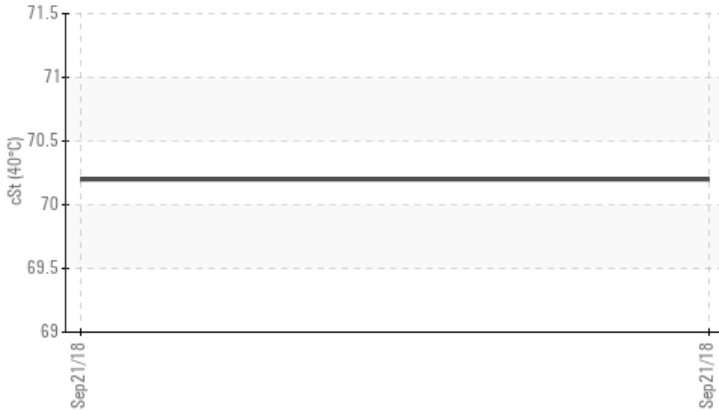


Area
GENERAL DYNAMICS OTS [18283229001]
 Machine Id
Q001: 100 Ton
 Component
Hydraulic System
 Fluid
MOBIL DTE OIL HEAVY (--- GAL)



COMPONENT CONDITION SUMMARY

Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor.
 NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	SEVERE	---
Visc @ 40°C	cSt	ASTM D7279(m)	70.2	70.2	---

Customer Id: GENLIN
 Sample No.: SBP83229001
 Lab Number: 83229001
 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Wes Davis +1 905-569-8600 x223
wesd@wearcheck.ca

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Information Required	---	---	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

HISTORICAL DIAGNOSIS

21 Sep 2018 Diag: Wes Davis

VISCOSITY



Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. The condition of the oil is acceptable for the time in service.

view report





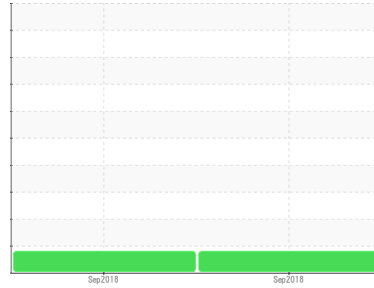
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Area
GENERAL DYNAMICS OTS [18283229001]
 Machine Id
Q001: 100 Ton
 Component
Hydraulic System
 Fluid
MOBIL DTE OIL HEAVY (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
 NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

Viscosity of sample indicates oil is within ISO 68 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		SBP83229001	SBP83229001	---
Sample Date	Client Info		21 Sep 2018	21 Sep 2018	---
Machine Age	Client Info		0	0	---
Oil Age	Client Info		0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			SEVERE	SEVERE	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		11	11	---
Iron	ppm ASTM D5185(m)		0	0	---
Chromium	ppm ASTM D5185(m)		0	0	---
Nickel	ppm ASTM D5185(m)		0	0	---
Titanium	ppm ASTM D5185(m)		0	0	---
Silver	ppm ASTM D5185(m)		0	0	---
Aluminum	ppm ASTM D5185(m)		0	0	---
Lead	ppm ASTM D5185(m)		0	0	---
Copper	ppm ASTM D5185(m)		0	0	---
Tin	ppm ASTM D5185(m)		1	1	---
Vanadium	ppm ASTM D5185(m)		0	0	---
Cadmium	ppm ASTM D5185(m)		0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)		0	0	---
Barium	ppm ASTM D5185(m)		1	1	---
Molybdenum	ppm ASTM D5185(m)		0	0	---
Manganese	ppm ASTM D5185(m)		0	0	---
Magnesium	ppm ASTM D5185(m)		0	0	---
Calcium	ppm ASTM D5185(m)		0	0	---
Phosphorus	ppm ASTM D5185(m)		1	1	---
Zinc	ppm ASTM D5185(m)		0	0	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)		0	0	---
Sodium	ppm ASTM D5185(m)		0	0	---
Potassium	ppm ASTM D5185(m)		5	5	---
Chlorine	ppm ASTM D5185(m)		0	0	---
Water	% ASTM D6304*		0.007	0.007	---

FLUID CLEANLINESS

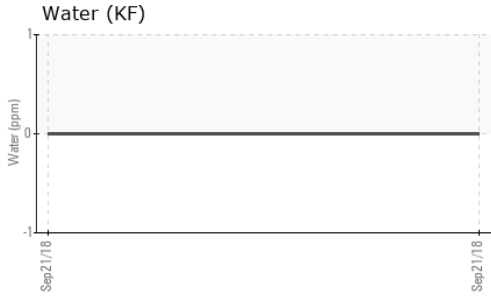
	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		171128	171128	---
Particles >6µm	ASTM D7647		49194	49194	---
Particles >14µm	ASTM D7647		3043	3043	---
Oil Cleanliness	ISO 4406 (c)		25/23/19	25/23/19	---

FLUID PROPERTIES

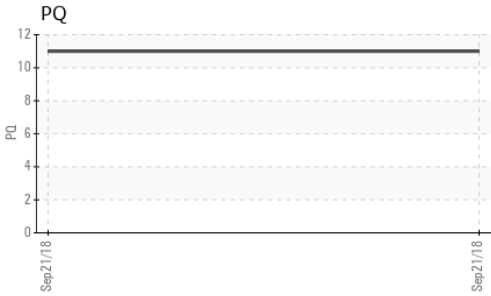
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)		70.2	70.2	---



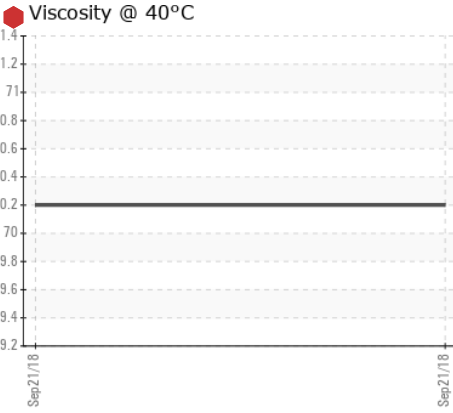
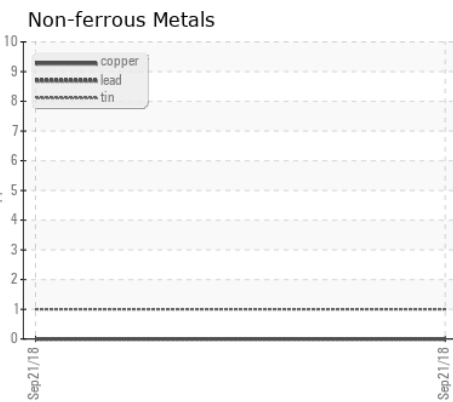
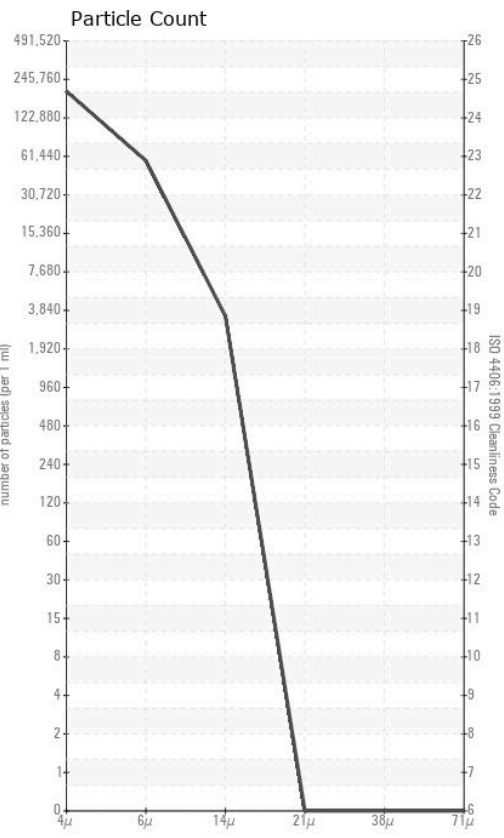
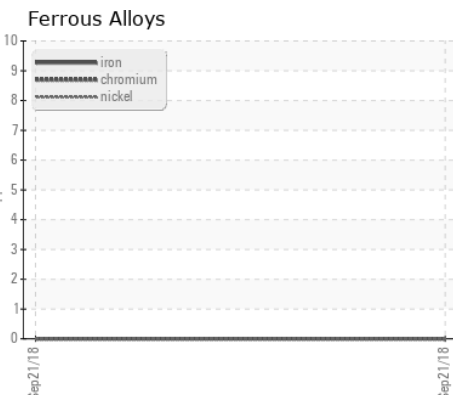
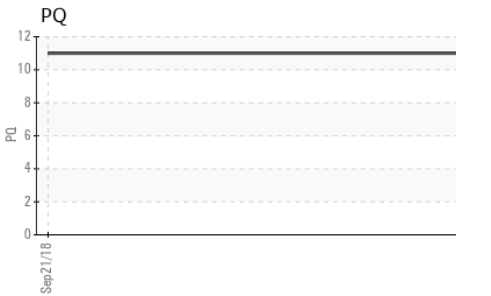
OIL ANALYSIS REPORT



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



GRAPHS



Laboratory : WearCheck -
Sample No. : SBP83229001 **Received** : 10 Oct 2018
Lab Number : 83229001 **Diagnosed** : 22 Jul 2021
Unique Number : 14443516 **Diagnostician** : Wes Davis
Test Package : PLANT (Additional Tests: ICP, KF, KV40, PQ, PrtCount)
 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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