



# PROBLEM SUMMARY

Sample Rating Trend

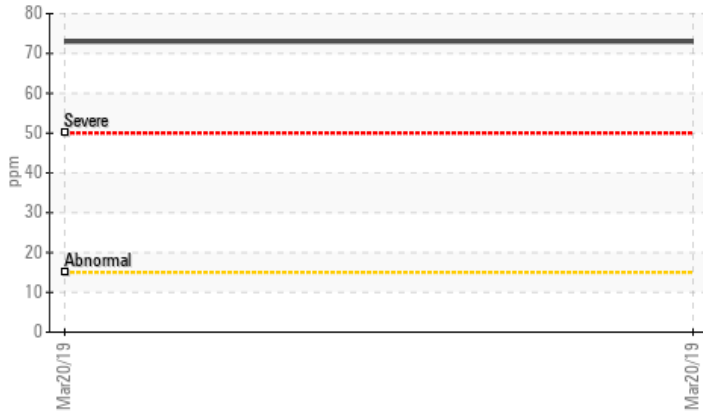
DIRT

Area  
**[2571548]**  
 Machine Id  
**DUROFLOW BL1194 DRY ADD**  
 Component  
**Blower**  
 Fluid  
**MOBIL SHC 626 (2 LTR)**



## COMPONENT CONDITION SUMMARY

### ▲ Silicon (ppm)



## RECOMMENDATION

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Silicon	ppm	ASTM D5185(m)	>15	▲ 73	---	---

Customer Id: HEXEDM  
 Sample No.: WC117899  
 Lab Number: 02276335  
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Kevin Marson +1 (289)291-4644 x4644  
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To change component or sample information:  
 Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

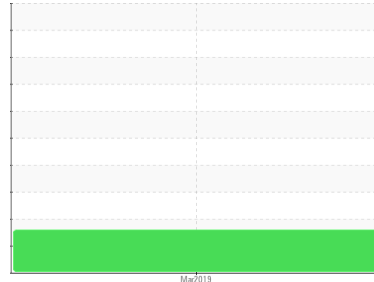
## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend

DIRT



Area  
**[2571548]**  
 Machine Id  
**DUROFLOW BL1194 DRY ADD**  
 Component  
**Blower**  
 Fluid  
**MOBIL SHC 626 (2 LTR)**

## DIAGNOSIS

### ▲ Recommendation

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend an early resample to monitor this condition.

### Wear

All component wear rates are normal.

### ▲ Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

### Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

## SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	<b>WC117899</b>	---	---
Sample Date	Client Info	<b>20 Mar 2019</b>	---	---
Machine Age	Client Info	<b>0</b>	---	---
Oil Age	Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history 1	history 2
PQ	ASTM D8184*	<b>32</b>	---	---
Iron	ppm ASTM D5185(m) >20	<b>36</b>	---	---
Chromium	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---
Nickel	ppm ASTM D5185(m) >20	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185(m) >20	<b>0</b>	---	---
Copper	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---
Tin	ppm ASTM D5185(m) >20	<b>0</b>	---	---
Antimony	ppm ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history 1	history 2
Boron	ppm ASTM D5185(m)	<b>0</b>	---	---
Barium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>1</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>421</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>5</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>321</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

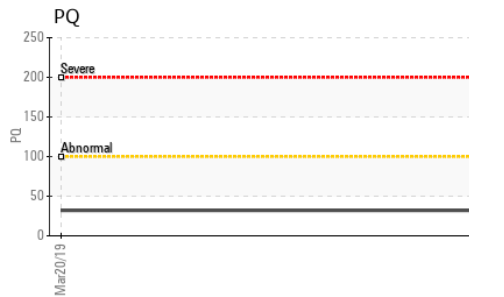
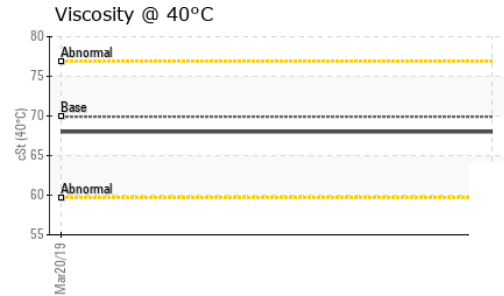
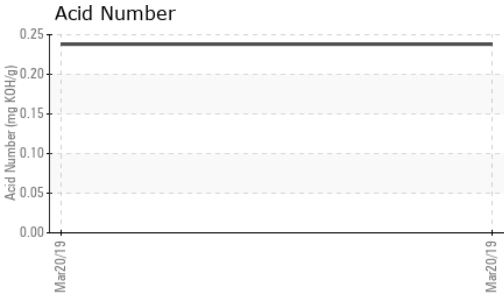
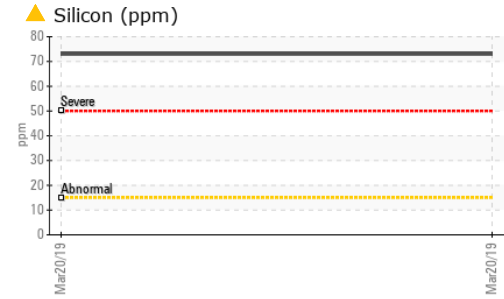
method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185(m) >15	<b>▲ 73</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>1</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g ASTM D974*	<b>0.238</b>	---	---



# OIL ANALYSIS REPORT



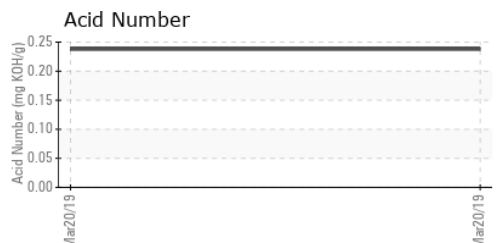
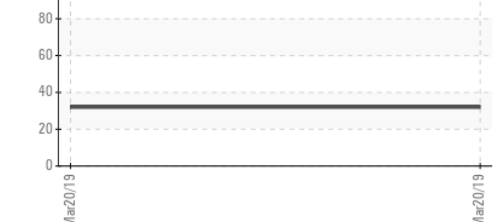
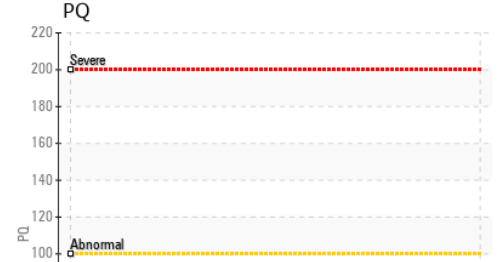
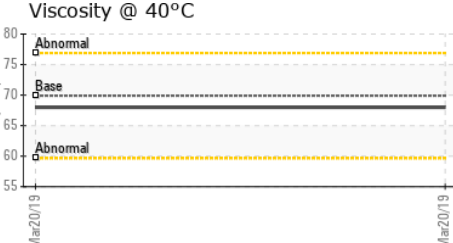
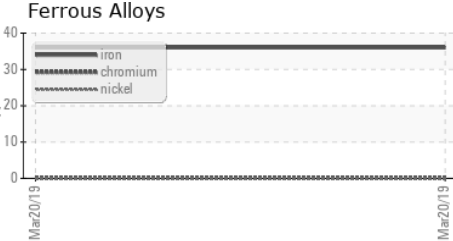
VISUAL	method	limit/base	current	history 1	history 2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	LIGHT	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	NEG	---	---	
Free Water	scalar	Visual*	NEG	---	---	

FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D7279(m)	69.9	<b>68.0</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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Color				no image	no image
Bottom				no image	no image

### GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Hexion Canada Inc. - EDMONTON PLANT  
**Sample No.** : WC117899 **Received** : 29 Mar 2019 12621 - 156th Street NW  
**Lab Number** : 02276335 **Diagnosed** : 02 Apr 2019 Edmonton, AB  
**Unique Number** : 4847574 **Diagnostician** : Kevin Marson CA T5V 1E1  
**Test Package** : IND 2

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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