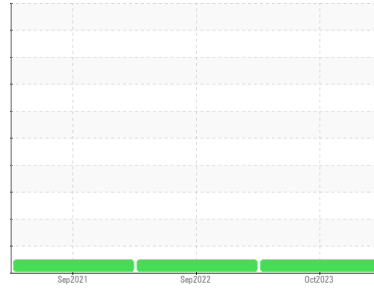




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**[C-FDOL] CHALLENGER 300 BD-100 C-FDOL**  
 Component  
**Left Hydraulic System**  
 Fluid  
**SKYDROL LD-4 (3 LTR)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample.

### Wear

{not applicable}

### Contamination

NAS 1638 Class: 6, Discrete particle counts [100 ml] 5-15µm = 8633, 15-25µm = 647, 25-50µm = 260, 50-100µm = 40, >100µm = 0. The system and fluid cleanliness is acceptable.

### Fluid Condition

{not applicable}

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0869726</b>	WC0743967	WC0627709
Sample Date	Client Info			<b>18 Oct 2023</b>	27 Sep 2022	27 Sep 2021
Machine Age	hrs	Client Info		<b>2542</b>	2409	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>Not Chngd</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles 5-15µm	count	NAS 1638	>128000	<b>8633</b>	26700	9000
Particles 15-25µm	count	NAS 1638	>22800	<b>647</b>	1733	475
Particles 25-50µm	count	NAS 1638	>4050	<b>260</b>	493	163
Particles 50-100µm	count	NAS 1638	>720	<b>40</b>	47	43
Particles >100µm	count	NAS 1638	>128	<b>0</b>	0	0
NAS 1638	Class	NAS 1638	>9	<b>6</b>	7	6

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.10	<b>0.07</b>	0.07	0.03

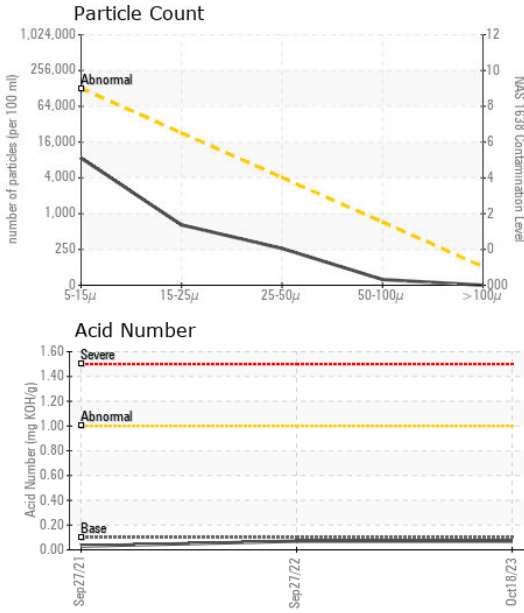
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>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

## SAMPLE IMAGES

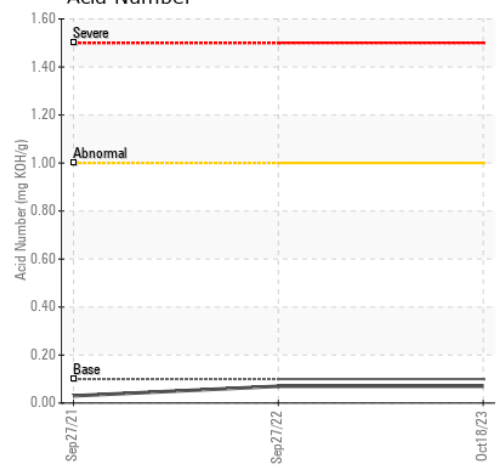
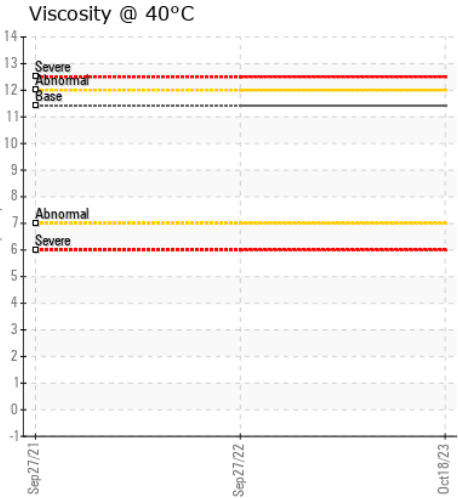
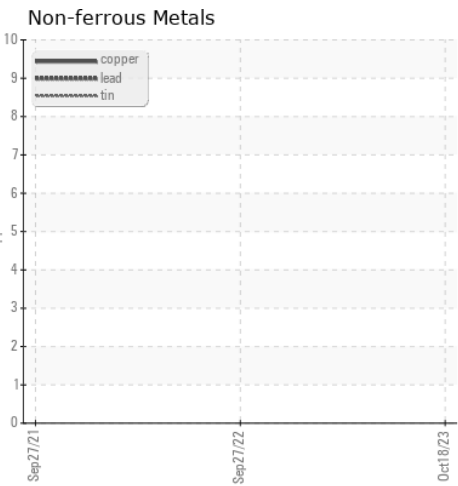
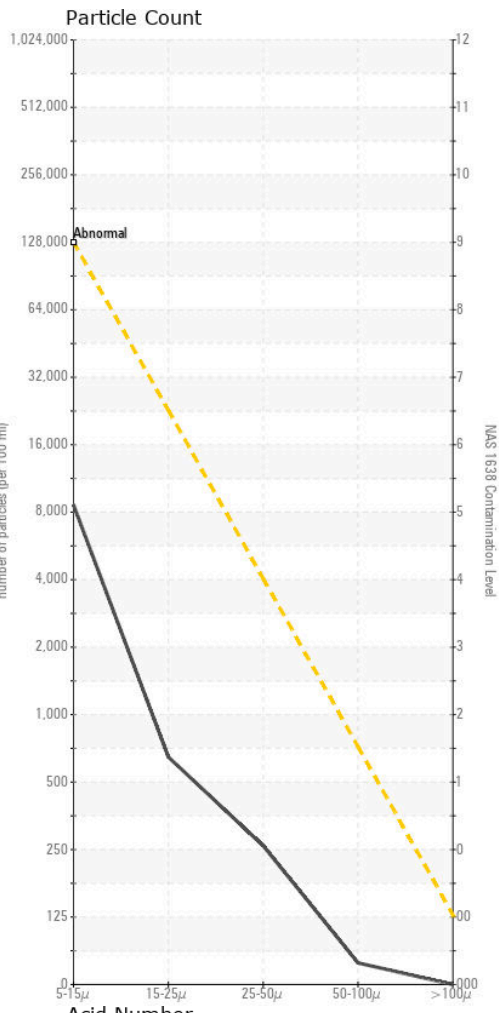
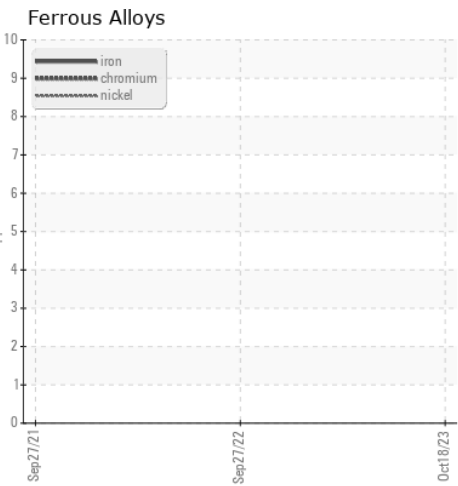
method	limit/base	current	history1	history2
Color				
Bottom				



# OIL ANALYSIS REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0869726 **Received** : 26 Oct 2023  
**Lab Number** : 02592304 **Diagnosed** : 30 Oct 2023  
**Unique Number** : 5669383 **Diagnostician** : Kevin Marson  
**Test Package** : TEST ( Additional Tests: PrtCount, PRTCOUNTNAS, TAN Man )

**SKYSERVICE F.B.O. INC.**  
 10105 RYAN AVENUE  
 DORVAL, QC  
 CA H9P 1A2  
 Contact: Rita Mwikali  
 rita\_mwikali@skyservice.com  
 T: (514)420-2450  
 F: (514)636-3625

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.