



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[WEAKLEY]

Machine Id

ZF 20401205 - INBOARD

Component

Port Gearbox

Fluid

CHEVRON DELO 400 SAE 40 (--- GAL)

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

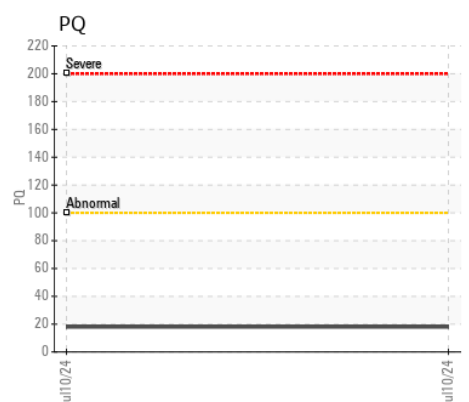
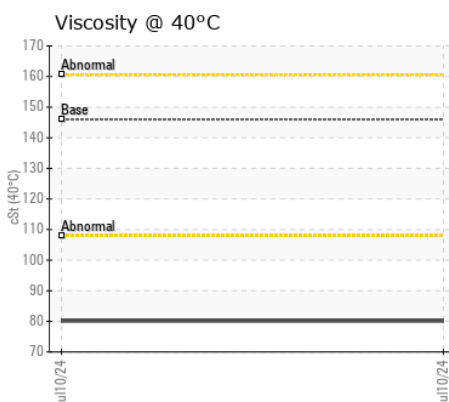
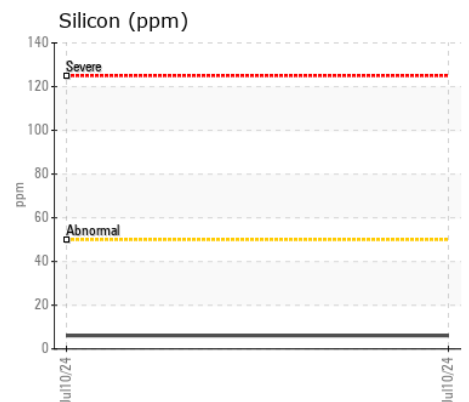
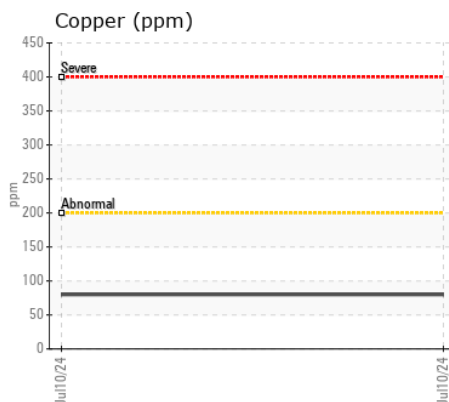
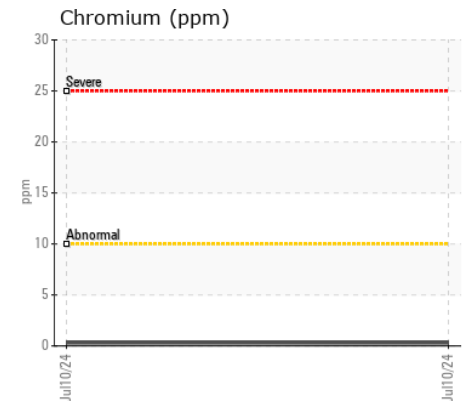
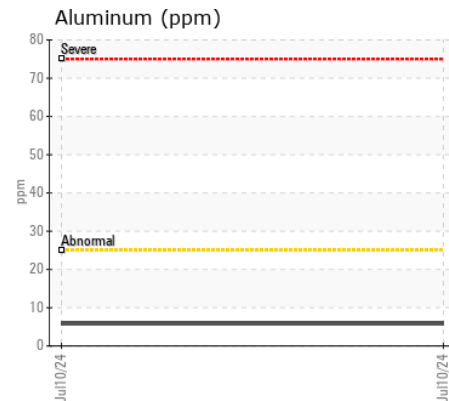
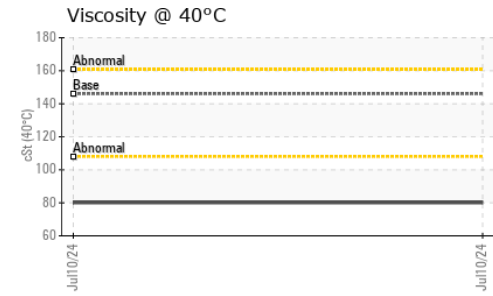
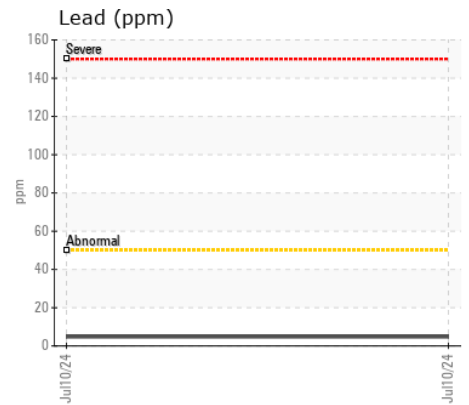
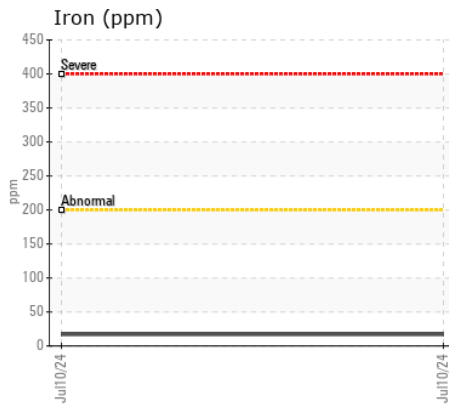
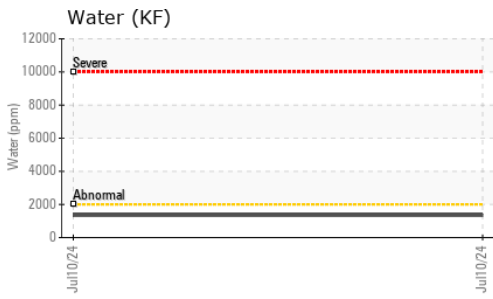
### CONTAMINATION

The water content is negligible. No other contaminants were detected in the oil.

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA059757	---	---
Sample Date		Client Info		10 Jul 2024	---	---
Machine Age	hrs	Client Info		152	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---
PQ		ASTM D8184		18	---	---
Iron	ppm	ASTM D5185m	>200	17	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		2	---	---
Aluminum	ppm	ASTM D5185m	>25	6	---	---
Lead	ppm	ASTM D5185m	>50	5	---	---
Copper	ppm	ASTM D5185m	>200	80	---	---
Tin	ppm	ASTM D5185m	>10	1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>50	6	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water	%	ASTM D6304	>0.2	0.135	---	---
ppm Water	ppm	ASTM D6304	>2000	1350	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	0.2%	---	---
Sodium	ppm	ASTM D5185m		3	---	---
Boron	ppm	ASTM D5185m		142	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		48	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		339	---	---
Calcium	ppm	ASTM D5185m		2888	---	---
Phosphorus	ppm	ASTM D5185m	1160	1107	---	---
Zinc	ppm	ASTM D5185m	1270	1152	---	---
Sulfur	ppm	ASTM D5185m		7207	---	---
Visc @ 40°C	cSt	ASTM D445	146	80.11	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VPA059757 **Received** : 11 Jul 2024  
**Lab Number** : 06233781 **Tested** : 11 Jul 2024  
**Unique Number** : 11122615 **Diagnosed** : 11 Jul 2024 - Doug Bogart  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

**SUNCOAST DIESEL MARINE**  
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 info@suncoastdmi.com  
 T: (941)342-0033  
 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)