

### TUG 3123 CB LLC [SK00100447] Machine Id VOLVO PENTA 51230082444- INBOARD

## **Center Gearbox**

## CHEVRON AUTOMATIC TRANS FLUID MD-3 (1 QTS)

RECOMMENDATION
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Resample at the next service interval to monitor.

#### **WEAR**

All component wear rates are normal.

# CONTAMINATION

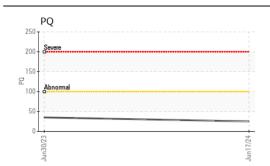
There is no indication of any contamination in the oil.

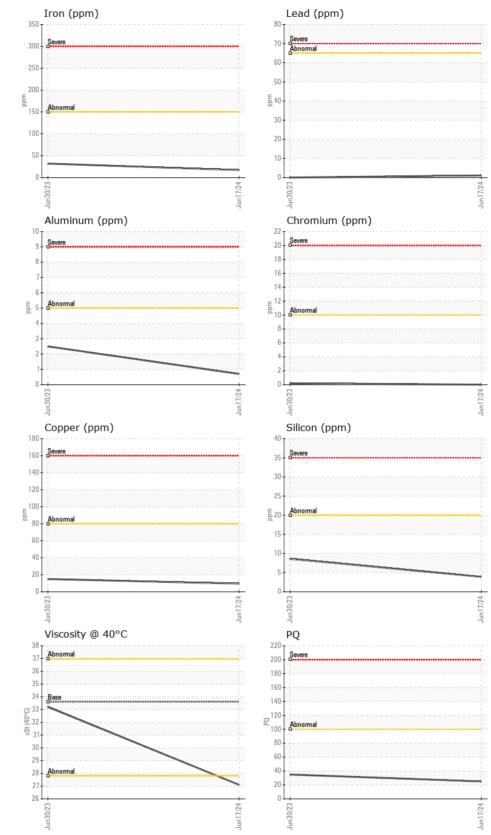
FLU	00		ITIC	
		NU		

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

Q13)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA062583	VPA055487	
Sample Date		Client Info		17 Jun 2024	30 Jun 2023	
Machine Age	hrs	Client Info		95	20	
Oil Age	hrs	Client Info		95	20	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
PQ		ASTM D8184		25	35	
Iron	nnm	ASTM D0104 ASTM D5185m	>150	17	32	
Chromium	ppm		>10	0		
Nickel	ppm	ASTM D5185m		0	<1	
	ppm	ASTM D5185m	>10		0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>5	<1	2	
Lead	ppm	ASTM D5185m	>65	1	0	
Copper	ppm	ASTM D5185m	>80	10	15	
Tin	ppm	ASTM D5185m	>8	0	0	
Vanadium	ppm	ASTM D5185m		<1	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	4	9	
Potassium	ppm	ASTM D5185m	>20	1	0	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	LIGHT	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Sodium	ppm	ASTM D5185m		2	<1	
Boron	ppm	ASTM D5185m		- 56	55	
Barium	ppm	ASTM D5185m		<1	0	
Molybdenum	ppm	ASTM D5185m		2	<1	
Manganese	ppm	ASTM D5185m		- <1	0	
Magnesium	ppm	ASTM D5185m		9	62	
Calcium	ppm	ASTM D5185m		70	30	
Phosphorus	ppm	ASTM D5185m		186	357	
Zinc	ppm	ASTM D5185m		52	275	
Sulfur		ASTM D5185m		1354	6789	
Sului	ppm	ASTIVI DS165ITI		1354	0/09	

Contact/Location: PAT RYAN - VP99031103





Pacific Power Group - VP981534 Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : VPA062583 Received : 25 Jun 2024 7215 S 228th St Lab Number : 06220433 Tested : 26 Jun 2024 Kent, WA Unique Number : 11098630 Diagnosed : 27 Jun 2024 - Sean Felton US 98032 Test Package : MOB 1 (Additional Tests: PQ) Contact: PAT RYAN Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. pryan@pacificpowergroup.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (253)520-5163 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: PAT RYAN - VP99031103 Page 2 of 2