# VOLVO PENTA

### **OIL ANALYSIS REPORT**

#### **ZF 96-14779 - PORT GEARBOX** 502356

Sample No: VPA058197

Oil Type: CONOCO Phillips T5X Heavy Duty 30W

SAMPLE INFORM	ATION			
Sample Number		VPA058197	VPA051932	 
Sample Date		20 Feb 2024	28 Aug 2023	 
Machine Hours		254	190	 
Oil Hours		65	190	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDITION				
Visc @ 40°C	cSt	88.3	88.4	 
CONTAMINATION	N			
Water	%	NEG	NEG	 
Silicon	ppm	2	4	 
Sodium	ppm	3	0	 
Potassium	ppm	<b>■</b> <1	2	 
WEAR METALS				
PQ		<b>17</b>	11	 
Iron	ppm	<b>1</b> 6	22	 
Copper	ppm	33	69	 
Lead	ppm	32	72	 
Tin	ppm	2	4	 
Aluminum	ppm	<b>4</b>	6	 
Chromium	ppm	<b></b> <1	<b></b> < 1	 
Molybdenum	ppm	0	<b></b> <1	 
Nickel	ppm	0	0	 
Titanium	ppm	<1	<1	 
Silver	ppm	<1	0	 
Manganese	ppm	<b>■</b> <1	<b></b> <1	 
Vanadium	ppm	0	0	 
ADDITIVES				
Calcium	ppm	3294	3206	 
Magnesium	ppm	56	128	 
Zinc	ppm	1129	1124	 
Phosphorus	ppm	<b>1026</b>	1023	 
Barium	ppm	0	2	 
Boron	ppm	8	5	 

#### larbor Diesel Inc

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le at the next service interval itor.All component wear rates mal. There is no indication of tamination in the oil. The on of the oil is acceptable for in service.

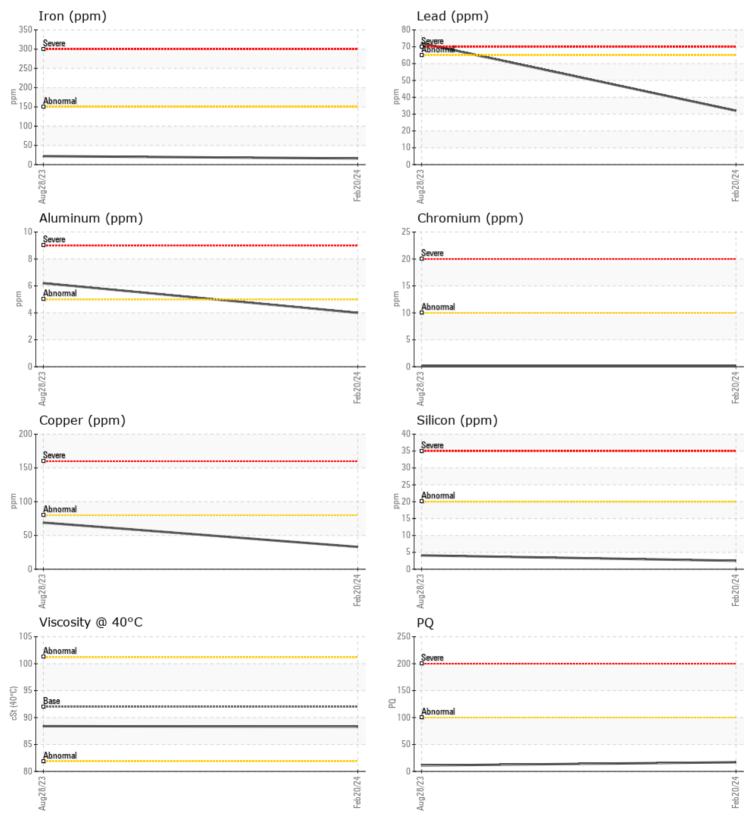
Depot: VP179089 Unique No: 10902859 Signed: Don Baldridge Report Date: 04 Mar 2024

Contact/Location: ED MCFARLIN - VP179089

## **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP179089 [WUSCAR] 06104629 (Generated: 03/04/2024 17:16:59) Rev: 1

Contact/Location: ED MCFARLIN - VP179089