OIL ANALYSIS REPORT

ED DOUGHERTY SAM VOLVO PENTA 5020140781 - INBOARD - CENTER GEARBOX

Sample No: VPA059389

Oil Type: ATF

SAMPLE INFORMATION

Sample Date 28 Nov 2023 Hode Mane ILL - Co Machine Hours 1616 43.001 43.001 Machine Hours 0 43.001 SEATTLE, WA US SEATTLE, WA						
Sample Date 28 Nov 2023 430 Marchine Hours 1616 430 Marchine Hours 1616 430 Marchine Hours 4	Sample Number		VPA059389	 	 	
Machine Hours 1016 SEATTLE, WA US \$8107 SEATTLE, WA 	Sample Date		28 Nov 2023	 		
Oli Holi's O US<98107 Sample Status NORMAL Contact: WILLOW I Sample Status NORMAL Contact: WILLOW I OIL CONDITION F: (206)784-3703 F: (206)784-3703 F: (206)784-3703 F: (206)784-3823	Machine Hours		1616	 		
Changed Changed Imaged Imaged <thimaged< th=""> <thimaged< th=""> <thimaged< <="" td=""><td>Oil Hours</td><td></td><td>0</td><td> </td><td></td></thimaged<></thimaged<></thimaged<>	Oil Hours		0	 		
Sample Status NURMAL Image: Control of the control of	Oil Changed		Changed	 		
OIL CONDITION T: (206)784-3703 F: (206)784-8823 Visc @ 40°C CSt 26.4 CONTAMINATION Diagnosis Resample at the n to monitor.All com are normal. There are normal. There 	Sample Status		NORMAL	 		
Visc @ 40°C cSt 26.4 CONTAMINATION Diagnosis Resample at the ner to monitor.All com are normal. There is any contamination condition of the oil the time in service Page are normal. There is any contamination condition of the oil the time in service are normal. There is any contamination condition of the oil the time in service <td>OIL CONDITION</td> <td></td> <td></td> <td></td> <td>T: (206)784-3703</td>	OIL CONDITION				T: (206)784-3703	
Water % NEG Resample at the ne to monitor.All com are normal. There are comination are normal. There are comination condition of the oi the time in service Sodium ppm 1 are comination condition of the oi the time in service VEAR METALS PQ 20 Itom ppm 17 Copper ppm 7 Aluminum ppm 1 Aluminum ppm 0 Aluminum ppm 0 Molydenum ppm 0 Nickel ppm 0 Magnesium ppm 39 Magnesium ppm 39	Visc @ 40°C	cSt	26.4	 	 1. (200)/04 0025	
Water % Neto are consisted or are normal. There are normal. There are normal. There are normal. There are constantination or condition of the oil the time in service. Sodium ppm 0 are normal. There are constantination or condition of the oil the time in service. WEAR METALS 200 are constantination or condition of the oil the time in service. VEAR METALS 200 are constantination or condition of the oil the time in service. VEAR METALS 200 Veal ppm 7 Iron ppm 7 Lead ppm 0 Aluminum ppm 0 Nickel ppm 0 <	CONTAMINATIO	N			Diagnosis	
Silicon ppm I are normal. There is any contamination condition of the oil the time in service VEAR METALS condition of the oil the time in service VEAR METALS condition of the oil the time in service VEAR METALS condition of the oil the time in service VEAR METALS condition of the oil the time in service VEAR METALS condition of the oil the time in service Veanation ppm 7			NEC			
Sodium ppm 1 and normalition Potassium ppm 0 and normalition Potassium ppm 0 and normalition WEAR METALS ordition of the oil the time in service. PQ 20 Iron ppm 7 Copper ppm 7 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0						
Potassium ppm 0 condition of the oid the o			—			
WEAR METALS PQ 20 Copper ppm 7 Copper ppm 7 Copper ppm 7 Copper ppm 7 Copper ppm 7 Copper ppm 7						
WEAR METALS PQ 20 Iron ppm 7 Copper ppm 7 Lead ppm 7 Lead ppm 1 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Nickel ppm 0 Magnaese ppm 0 AbolfIVES Calcium ppm 36 Magnesium ppm 36 Phosphorus ppm 169 Bariu	Potassium	ppm		 		
Iron ppm 7 Copper ppm 7 Lead ppm <1	WEAR METALS					
Copper ppm T Lead ppm <1	PQ		20	 		
Lead ppm <1	Iron	ppm	7	 		
Tin ppm 0 Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 39 Calcium ppm 329 Magnesium ppm 36 Phosphorus ppm 169 Barium ppm 169	Copper	ppm	7	 		
Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 2 Nickel ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 1 ADDITIVES Calcium ppm 39 Magnesium ppm 36 Phosphorus ppm 169 Barium ppm <1	Lead	ppm	 <1	 		
Chromium ppm 0 Molybdenum ppm 2 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm< <td><1</td> ADDITIVES Zalcum ppm 39 Magnesium ppm 326 Phosphorus ppm 169 Barium ppm <169	<1	Tin	ppm	0	 	
Molybdenumppm2Nickelppm0Titaniumppm0Silverppm0Manganeseppm0Vanadiumppm<1	Aluminum	ppm	1	 		
Nickelppm0Titaniumppm0Silverppm0Manganeseppm0Vanadiumppm<1	Chromium	ppm		 		
Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm <1	Molybdenum	ppm	2	 		
Silverppm0Manganeseppm0Vanadiumppm<1ADDITIVESCalciumppm39Magnesiumppm27Zincppm36Phosphorusppm169Bariumppm<1	Nickel	ppm	0	 		
Manganeseppm0Vanadiumppm<1	Titanium	ppm	0	 		
Vanadiumppm<1ADDITIVESCalciumppm39Magnesiumppm27Zincppm36Phosphorusppm169Bariumppm<1	Silver	ppm	0	 		
ADDITIVESCalciumppm39Magnesiumppm27Zincppm36Phosphorusppm169Bariumppm<1	Manganese	ppm	0	 		
Calcium ppm 39 Magnesium ppm 27 Zinc ppm 36 Phosphorus ppm 169 Barium ppm <1	Vanadium	ppm	<1	 		
Magnesium ppm 27 Zinc ppm 36 Phosphorus ppm 169 Barium ppm <10	ADDITIVES					
Zinc ppm 36 Phosphorus ppm 169 Barium ppm <1	Calcium	ppm	39	 		
Phosphorus ppm 169 Barium ppm <1	Magnesium	ppm	27	 		
Barium ppm 🔤 < 1	Zinc	ppm	36	 		
	Phosphorus	ppm	169	 		
Boron ppm 65	Barium	ppm	 <1	 		
	Boron	ppm	65	 		

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VOLVO PENTA

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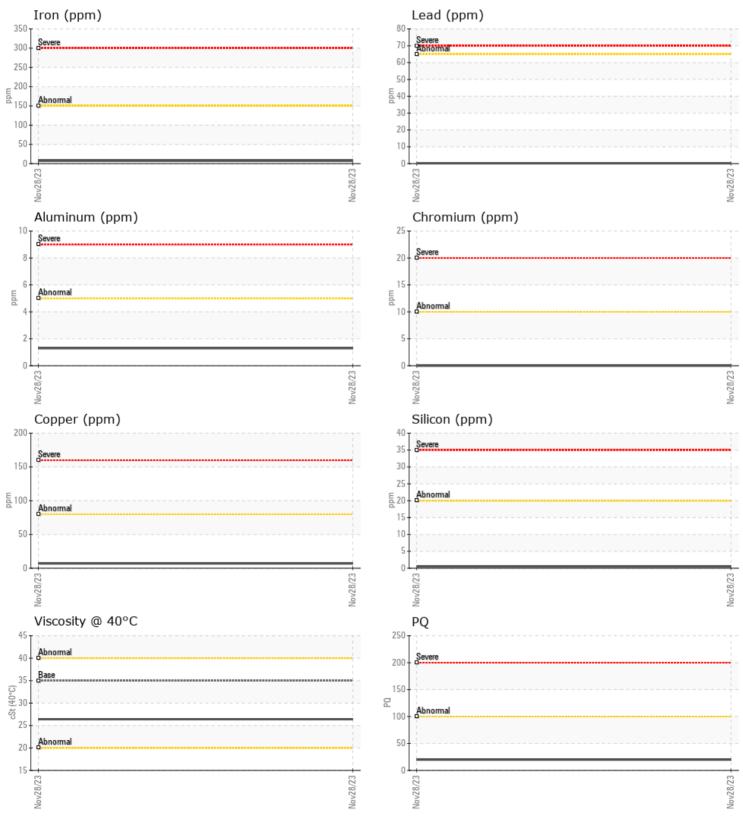
Depot: VP794951 Unique No: 10769926 Signed: Sean Felton Report Date: 07 Dec 2023

Contact/Location: WILLOW YANARELLA - VP794951

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: WILLOW YANARELLA - VP794951