

NADINE URCIUOLI [PATRICK HENDRICKSON] Machine Id VOLVO PENTA MS2-INBD (S/N N/A)

Center Gearbox

VOLVO API GL-5 SAE 75W90 (1 QTS)

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

There is a trace of moisture present in the oil.

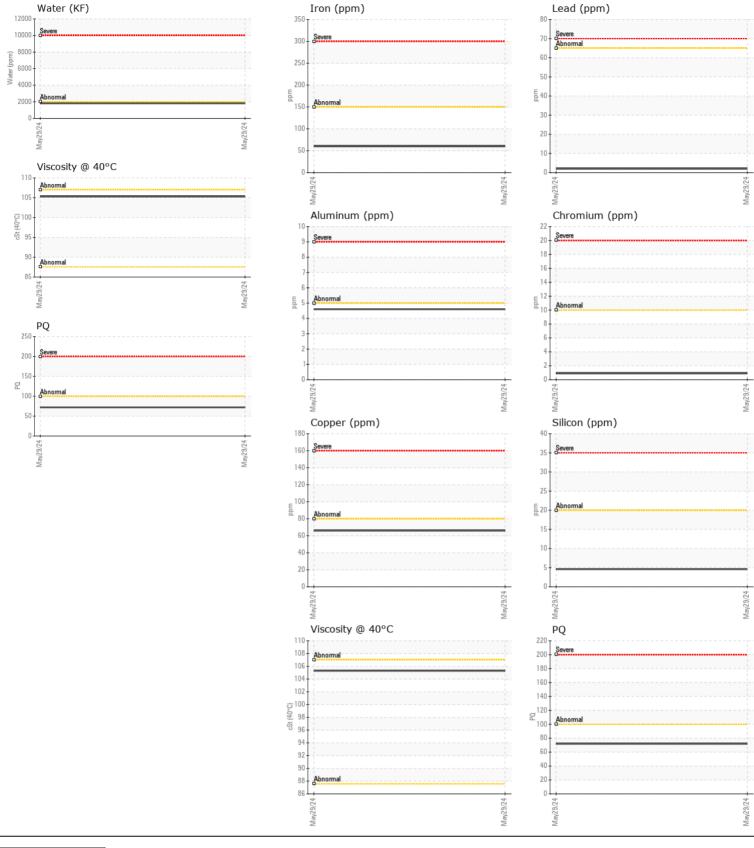
FLUID CONDITION

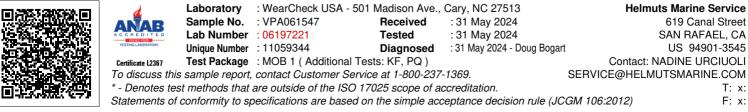
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA061547		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		95		
Oil Age	hrs	Client Info		95		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
PQ		ASTM D8184		72		
Iron	ppm	ASTM D5185m	>150	60		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>5	5		
Lead	ppm	ASTM D5185m	>65	2		
Copper	ppm	ASTM D5185m	>80	66		
Tin	ppm	ASTM D5185m	>8	<1		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>20	5		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.2	0.181		
ppm Water	ppm	ASTM D6304	>2000	1810		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE			
Sand/Dirt Appearance	scalar scalar	*Visual *Visual	NONE NORML	NONE NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	0.2%		
	Scala	visuai	20.2	0.2 /0		
Sodium	ppm	ASTM D5185m		1		
Boron	ppm	ASTM D5185m		321		
Barium	ppm	ASTM D5185m		9		
Molybdenum	ppm	ASTM D5185m		58		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		21		
Phosphorus	ppm	ASTM D5185m		1436		
Zinc	ppm	ASTM D5185m		29		
Sulfur	ppm	ASTM D5185m		24669		
Visc @ 40°C	cSt	ASTM D445	- 1/1 1	105.3		 VD150741

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Contact/Location. NADINE URCIUOLI - VP152741





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