

NADINE URCIUOLI [DICK ROBINSON] Wachine Id VOLVO PENTA 51220350983 - INBOARD

Center Gearbox

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- QTS)

VOLVO AUTOMATIC TRANSMISSION FL	UID AT 102 (QT	5)					
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		VPA051575		
	Sample Date		Client Info		20 May 2024		
	Machine Age	hrs	Client Info		148		
	Oil Age	hrs	Client Info		148		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		Changed		
	Sample Status				NORMAL		
WEAR	PQ		ASTM D8184		35		
All component wear rates are normal.	Iron	ppm	ASTM D5185m	>150	47		
	Chromium	ppm	ASTM D5185m	>10	<1		
	Nickel	ppm	ASTM D5185m	>10	0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>5	1		
	Lead	ppm	ASTM D5185m	>65	<1		
	Copper	ppm	ASTM D5185m	>80	13		
	Tin	ppm	ASTM D5185m	>8	<1		
	Vanadium	ppm	ASTM D5185m		<1		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	6		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2		
	Water		WC Method	>0.2	NEG		
	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	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		3		
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	187	100		
	Barium	ppm	ASTM D5185m	0.0	1		
	Molybdenum	ppm	ASTM D5185m	0.0	3		
	Manganese	ppm	ASTM D5185m	0.0	<1		
	Magnesium	ppm	ASTM D5185m	6.8	27		
	Calcium	ppm	ASTM D5185m	215	234		
	Phosphorus	ppm	ASTM D5185m	445	166		
	Zinc	ppm	ASTM D5185m	56	43		
	Sulfur	ppm	ASTM D5185m	1336	1389		
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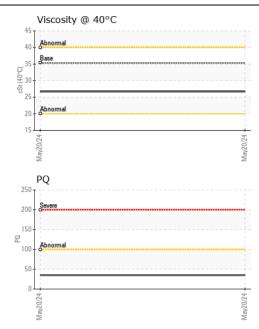
Visc @ 40°C

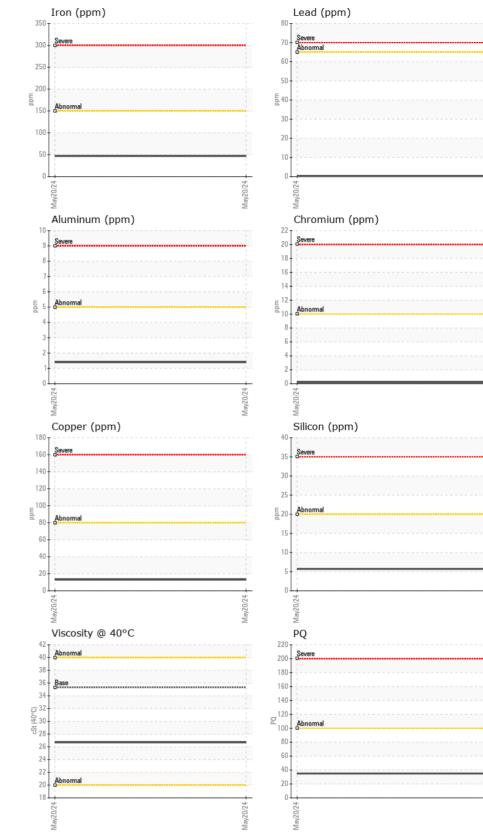
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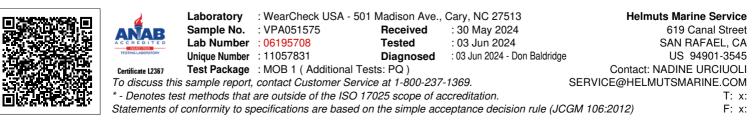
ASTM D445 35.3

Contact/Location: NADINE URCIUOLI - VP152741

26.7







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