OIL ANALYSIS REPORT

NEWT MARINE - SCARLETTE RIVER SCARLETTE RIVER - INBOARD (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA033544

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number		VPA033544	 	
Sample Date		10 Jun 2021	 	 INTERSTATE POWER SYSTEMS
Machine Hours		207	 	 2901 E 78TH ST
Oil Hours		0	 	 MINNEAPOLIS, MN
Oil Changed		Changed	 	 US 55425
Sample Status		ATTENTION	 	 Contact: BRADY GARBRECHT
				brady.garbrecht@istate.com
OIL CONDITION				T:
Viac @ 40%C	cSt	– 69 2		F:
Visc @ 40°C	CST	68.2	 	 _
CONTAMINATIO	N			Diagnosis
				The oil change at the time of
Water	%	NEG	 	 sampling has been noted. Resam
Silicon	ppm	6	 	 at the next service interval to
Sodium	ppm	7	 	 monitor.All component wear rates
Potassium	ppm	2	 	 are normal. Moderate concentratio
WEAR METALS				of visible dirt/debris present in the oil. The condition of the oil is
PQ		1 9	 	 acceptable for the time in service.
Iron	ppm	12	 	
Copper	ppm	23	 	
Lead	ppm	2	 	
Tin	ppm	∎1	 	
Aluminum	ppm	0	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	62	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1224	 	 _
Magnesium	ppm	946	 	
Zinc	ppm	1251	 	
Phosphorus	ppm	1130	 	
Barium	ppm	<1	 	
Boron	ppm	25	 	
		-		



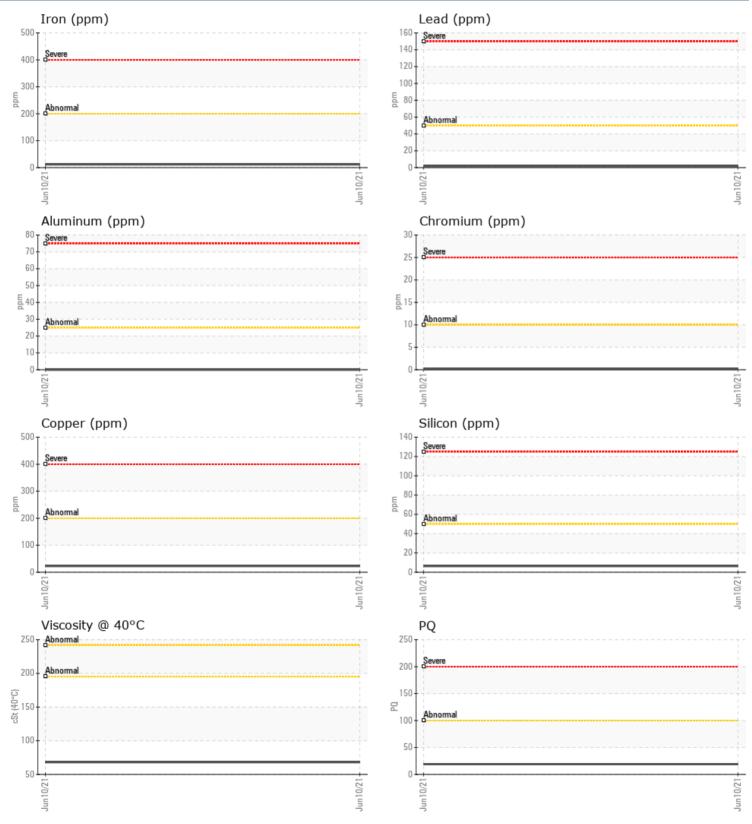
Contact/Location: BRADY GARBRECHT - VP1103105



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: BRADY GARBRECHT - VP1103105