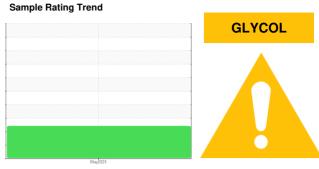


OIL ANALYSIS REPORT

Action Newark SULLAIR 5598 - SULLAIR

Diesel Engine

{not provided} (--- GAL)



DIAGNOSIS

Recommendation

We advise that you check for the source of the coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

Sodium and/or potassium levels are high.

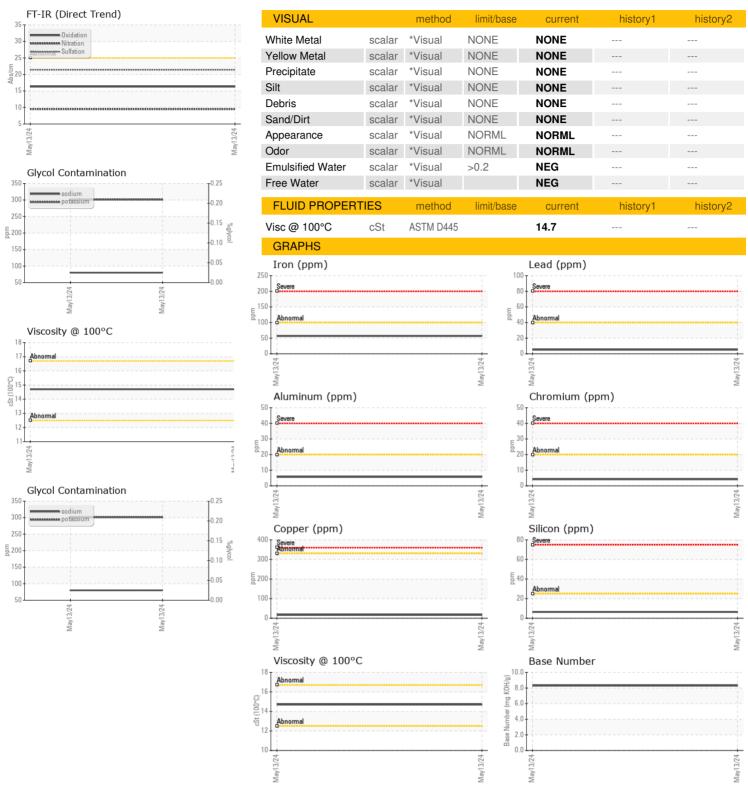
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0912307		
Sample Date		Client Info		13 May 2024		
Machine Age	hrs	Client Info		1360		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	57		
Chromium	ppm	ASTM D5185m	>20	4		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	6		
_ead	ppm	ASTM D5185m	>40	5		
Copper	ppm	ASTM D5185m	>330	17		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		3		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		88		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		968		
Calcium	ppm	ASTM D5185m		1290		
Phosphorus	ppm	ASTM D5185m		1019		
Zinc	ppm	ASTM D5185m		1329		
Sulfur	ppm	ASTM D5185m		3295		
CONTAMINANTS	8	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
Sodium	ppm	ASTM D5185m		△ 80		
Potassium	ppm	ASTM D5185m	>20	4 301		
Glycol	%	*ASTM D2982		NEG		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.7		
Nitration	Abs/cm	*ASTM D7624		9.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.4		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.3		
Base Number (BN)	mg KOH/g	ASTM D2896		8.3		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06199860

: WC0912307 Unique Number : 11061983

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 05 Jun 2024 : 07 Jun 2024 Diagnosed

: 07 Jun 2024 - Jonathan Hester

Test Package : MOB 1 (Additional Tests: Glycol, TBN) To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

INTERSTATE WASTE-NEWARK

110 EVERGREEN AVE, BAY 3 NEWARK, NJ

US 07114

Contact: Robert Witynski RWitynski@interstatewaste.com T:

F: