

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



SCHTRUCK Machine Id 6433 [SCHTRUCK]

Diesel Engine

PETRO CANADA DURON SHP 15W40 (10 GAL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the

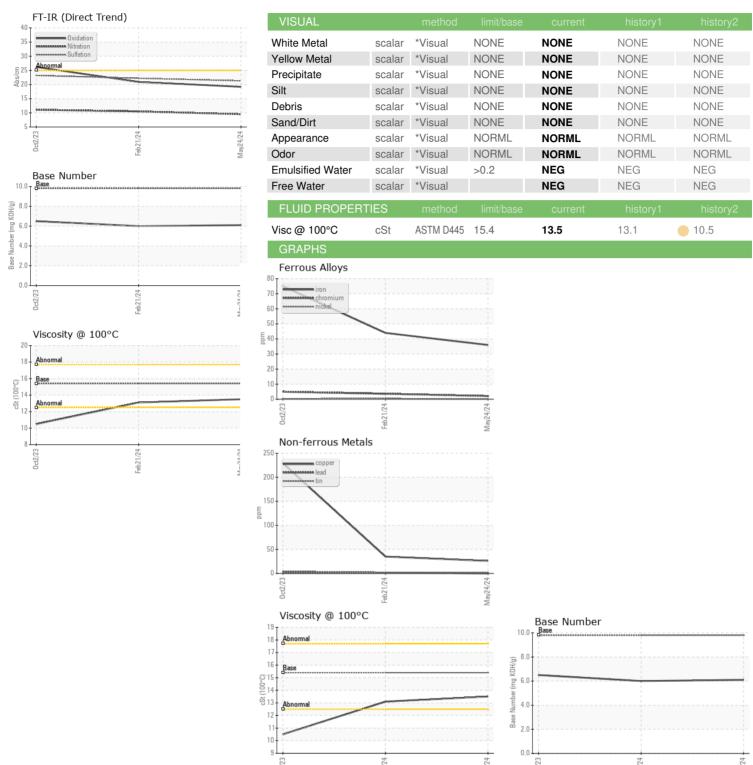
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

AL)			2023	Feb 2024 May 20	224	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0007238	SBP0006668	SBP0005685
Sample Date		Client Info		24 May 2024	21 Feb 2024	02 Oct 2023
Machine Age	hrs	Client Info		114255	77293	37278
Oil Age	hrs	Client Info		36962	40015	37278
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	0.2
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	36	44	75
Chromium	ppm	ASTM D5185m	>20	2	4	5
Nickel	ppm	ASTM D5185m	>2	0	<1	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>30	20	41	91
Lead	ppm	ASTM D5185m	>30	0	1	<1
Copper	ppm	ASTM D5185m	>30	26	△ 35	<u>^</u> 229
Tin	ppm	ASTM D5185m	>15	1	2	4
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	3	4	24
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	59	61	48
Manganese	ppm	ASTM D5185m	0	1	2	3
Magnesium	ppm	ASTM D5185m	1010	951	977	589
Calcium	ppm	ASTM D5185m	1070	1143	1259	1663
Phosphorus	ppm	ASTM D5185m	1150	1022	982	713
Zinc	ppm	ASTM D5185m	1270	1269	1270	912
Sulfur	ppm	ASTM D5185m	2060	2572	2135	1739
CONTAMINANT	C	mothod	limit/baco	current	hictory1	hictory?



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Certificate 12367

Laboratory Sample No.

Lab Number : 06196456 Unique Number : 11058579

: SBP0007238

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024

Tested : 03 Jun 2024 Diagnosed : 03 Jun 2024 - Wes Davis

SCHMIDT TRANSPORTATION - 605449 108 E Bay Road Plattsmouth, NE US 68048

Contact: NICK DOTY doty@liquidtrucking.com

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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)