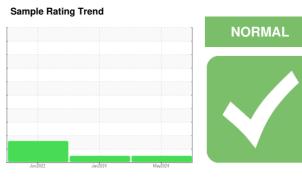


OIL ANALYSIS REPORT

SH8K

GARDNER DENVER S490210 - ATLAS MOLDED PRODUCTS

Component



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

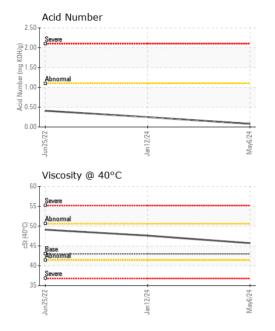
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

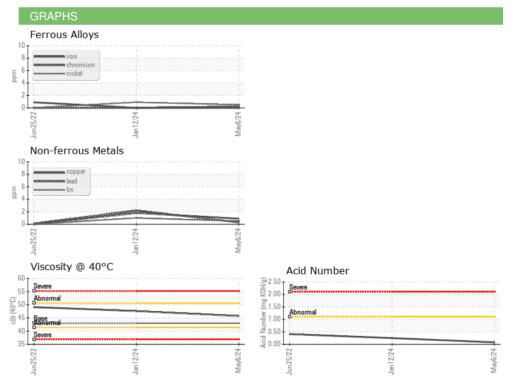
Sample Date Client Info 06 May 2024 12 Jan 2024 25 Jun 2024 26 Jun 2024 25 Jun 2024 26 Jun 2024 27 Jun 2024 28 Jun 2024	ed RMAL story2
Machine Age hrs Client Info 47023 44869 36628 Oil Age hrs Client Info 2154 8241 8000 Oil Changed Client Info Not Changd Changed Changed Sample Status Client Info Not Changd Changed Changed CONTAMINATION method limit/base current history1 his WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >50 0 0 <1	ed RMAL story2
Oil Age hrs Client Info 2154 8241 8000 Oil Changed Client Info Not Changd Changed Changed Sample Status NORMAL NORMAL ABNO CONTAMINATION method limit/base current history1 history1 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 <1 Iron ppm ASTM D5185m >50 0 0 <1 Uron ppm ASTM D5185m >10 <1 0 0 Chromium ppm ASTM D5185m >10 <1 0 0 Silver ppm ASTM D5185m <1 <1 <1 0 Silver ppm ASTM D5185m >25 1 <1	RMAL story2
Oil Changed Sample Status Client Info Not Changed NORMAL Changed NORMAL Changed ABNO CONTAMINATION method limit/base current history1 history1 Wear WC Method >0.1 NEG NEG WEAR METALS method limit/base current history1 history1 WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 <1	RMAL story2
NORMAL NORMAL ABNO	RMAL story2
CONTAMINATION method limit/base current history1 hi Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 hi Iron ppm ASTM D5185m >50 0 0 <1	story2
Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 <1 Chromium ppm ASTM D5185m >10 <1 0 0 Nickel ppm ASTM D5185m >10 <1 <1 0 Nickel ppm ASTM D5185m <1 <1 0 0 Silver ppm ASTM D5185m <25 1 <1 <1 0 Aluminum ppm ASTM D5185m >25 1 <1 <1 <1 Lead ppm ASTM D5185m >50 <1 2 <1 <1 <1 <1 0 Copper ppm ASTM D5185m >15 <1 1 0 0 Vanadium ppm ASTM D5185m <1 <1 0 0 Cad	
WEAR METALS method limit/base current history1 hi Iron ppm ASTM D5185m >50 0 0 <1	3
Iron ppm ASTM D5185m >50 0 0 <1 Chromium ppm ASTM D5185m >10 <1 0 0 Nickel ppm ASTM D5185m <1 <1 0 0 Titanium ppm ASTM D5185m <1 <1 0 0 Silver ppm ASTM D5185m <25 1 <1 <1 0 Aluminum ppm ASTM D5185m >25 1 <1 <1 <1 Lead ppm ASTM D5185m >25 <1 2 <1 <1 <1 Copper ppm ASTM D5185m >50 <1 2 <0 Tin ppm ASTM D5185m >15 <1 1 0 0 Vanadium ppm ASTM D5185m <1 <1 0 0 Cadmium ppm ASTM D5185m <1 <1 0 0 ADDITIVES met	
Chromium ppm ASTM D5185m >10 <1 0 0 Nickel ppm ASTM D5185m <1	story2
Nickel ppm ASTM D5185m <1 <1 0 Titanium ppm ASTM D5185m <1	
Titanium ppm ASTM D5185m <1 0 0 Silver ppm ASTM D5185m <1 <1 0 Aluminum ppm ASTM D5185m >25 1 <1 <1 <1 Lead ppm ASTM D5185m >25 <1 2 <1 <2 <0 Copper ppm ASTM D5185m >50 <1 2 0 Tin ppm ASTM D5185m >15 <1 1 0 0 Vanadium ppm ASTM D5185m <1 <1 0 0 0 0 Cadmium ppm ASTM D5185m <1 <1 0 0 <1 Astm D5185m <1 <1 0 <1 <1 0 <1 <1 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 </td <td></td>	
Silver ppm ASTM D5185m <1 <1 0 Aluminum ppm ASTM D5185m >25 1 <1 <1 <1 Lead ppm ASTM D5185m >25 <1 2 <1 2 <0 Copper ppm ASTM D5185m >50 <1 2 0 Tin ppm ASTM D5185m >15 <1 1 0 0 Vanadium ppm ASTM D5185m <1 0 0 0 0 Cadmium ppm ASTM D5185m <1 <1 0 0 ADDITIVES method limit/base current history1 his Boron ppm ASTM D5185m <1 0 0 <1 Barium ppm ASTM D5185m <1 <1 0 0 Molybdenum ppm ASTM D5185m <1 <1 2 0 Magnesium ppm ASTM D518	
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Copper ppm ASTM D5185m >50 <1 2 0 Tin ppm ASTM D5185m >15 <1	
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Cadmium ppm ASTM D5185m <1 <1 0 ADDITIVES method limit/base current history1 history2 history2 <t< td=""><td></td></t<>	
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Barium ppm ASTM D5185m <1 0 0 Molybdenum ppm ASTM D5185m <1 <1 0 Manganese ppm ASTM D5185m <1 2 0 Magnesium ppm ASTM D5185m <1 1 <1 <1 Calcium ppm ASTM D5185m 4 <1 0 Phosphorus ppm ASTM D5185m 363 756 751	story2
Molybdenum ppm ASTM D5185m <1 <1 0 Manganese ppm ASTM D5185m <1 2 0 Magnesium ppm ASTM D5185m <1 1 <1 <1 Calcium ppm ASTM D5185m 4 <1 0 Phosphorus ppm ASTM D5185m 363 756 751	
Manganese ppm ASTM D5185m <1 2 0 Magnesium ppm ASTM D5185m <1 1 <1 <1 Calcium ppm ASTM D5185m 4 <1 0 Phosphorus ppm ASTM D5185m 363 756 751	
Magnesium ppm ASTM D5185m <1 1 <1 Calcium ppm ASTM D5185m 4 <1 0 Phosphorus ppm ASTM D5185m 363 756 751	
Calcium ppm ASTM D5185m 4 <1 0 Phosphorus ppm ASTM D5185m 363 756 751	
Phosphorus ppm ASTM D5185m 363 756 751	
Zinc ppm ASTM D5185m 2 0	
Sulfur ppm ASTM D5185m 813 40 80	
CONTAMINANTS method limit/base current history1 his	story2
Silicon ppm ASTM D5185m >25 <1 <1 <1	
Sodium ppm ASTM D5185m 0 2 0	
Potassium ppm ASTM D5185m >20 <1 4 <1	
FLUID DEGRADATION method limit/base current history1 his	
Acid Number (AN) mg KOH/g ASTM D8045 0.08 0.25 0.4	story2

Sullivan

OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	0.2%
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	43.0	45.7	47.6	49.1
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color						







Certificate 12367

Laboratory

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : UCS06181475 Lab Number : 06181475 Unique Number : 11032801

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Bottom

Received : 16 May 2024 Tested

: 17 May 2024 Diagnosed

: 17 May 2024 - Wes Davis

To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 28621 Contact: DARRYL WEDDLE darryl@stanleyhvac.com T: (336)366-4226

STANLEY HEATING & AIR

1002 DOBBINS MILL RD

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: DARRYL WEDDLE - UCSTAELK

ELKIN, NC