

OIL ANALYSIS REPORT

Area AEON 9000 **GARDNER DENVER S392431 - BAILEN HARRIS CONSTRUCTION** Component

Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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



Sample Rating Trend



SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCP06010982	UCP05444346	
Sample Date		Client Info		25 Sep 2023	06 Jan 2022	
Machine Age	hrs	Client Info		985	504	
Oil Age	hrs	Client Info		81	504	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	1	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	8	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	<1	
Aluminum	ppm	ASTM D5185m	>25	0	2	
Lead	ppm	ASTM D5185m	>25	0	<1	
Copper	ppm	ASTM D5185m	>50	0	2	
Tin	ppm	ASTM D5185m	>15	<1	0	
Antimony	ppm	ASTM D5185m			0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	<1	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m	0	0	<1	
Calcium	ppm	ASTM D5185m	0	0	1	
Phosphorus	ppm	ASTM D5185m	800	568	45	
Zinc	ppm	ASTM D5185m	0	0	3	
Sulfur	ppm	ASTM D5185m	0	1005	3018	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	1	
Sodium	ppm	ASTM D5185m		0	5	
Potassium	ppm	ASTM D5185m	>20	0	1	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.170	0.056	0.054	



Abnorma Base

40 Severe 35 ZZ/guer

(0-01) tso 45

OIL ANALYSIS REPORT

VISUAL



		VISUUI	NONL	NONE	LIGHT	
Yellow Meta	l scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	LIGHT	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified W	Vater scalar	*Visual	>0.1	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
FLUID PR	OPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	49.01	46.1	46.2	
SAMPLE I	IMAGES	method	limit/base	current	history1	history2
Color						no image
Bottom						no image
GRAPHS						
Ferrous Al	loys					
¹⁰	1					
8 - chron	nium					
E 6						
- 4-						
2						
2			2/33			
Jan 6,22			Sep 25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		Sep25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		\$ep25/23			
Non-ferrou	us Metals		Sep 25/23			
Non-ferrou	us Metals		Sep25/23	Acid Number		
Non-ferrou	us Metals		E2/52/23 (p)	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Non-ferrou Non-ferrou Non-ferrou Non-ferrou	us Metals		2.5 Rep2552as (b)(A) 2.0	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Non-ferrou Non-ferrou Non-ferrou	us Metals		2.5 εευςεζέζας μμμα KOH(6) π fina π fina π	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Viscosity (Solot)	us Metals		Sep 25/25/23 Sep 25/25/25 Sep 25/25 Sep 25/25 S	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Viscosity ©	us Metals		Sep 25/23 Sep 25/23 50 Mumber (mp 50 50 50 50 50 50 50 50 50 50 50 50 50	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Viscosity @ Severe State Abnomal Severe State Severe Severe Severe Severe Severe Severe Severe Severe Severe	us Metals		Sep 25/23 Sep 25	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Viscosity @ Viscosity @ Severe Abnormal Severe	us Metals		tep25/23 600 Acid Number (mg KOH(g) 600 Acid Num	Acid Number		
Non-ferrou Non-ferrou Non-ferrou Viscosity (Control of the second Non-ferrou	us Metals		Sep 25/23 Acid Number (mg KOH(q) 600 8	Acid Number		
Non-ferrou Non-ferrou Viscosity @ Viscosity @ Solution So	us Metals	son Ave., Ca	(0,HO) Port (0,HO)	Acid Number	ATTONS INC -	BIRMINGHA
Non-ferrou Non-ferrou Viscosity @ Viscosity @ Solution So	USA - 501 Madia Received	son Ave., Ca	EZUSSZeles (b)HOX bul bar EZUSSZeles (b)HOX bul bar EZUSSZeles (b)HOX bul bar EZUSSZeles (b)HOX bul bar EZUSSZeles (c)HOX bul bar (c)HOX bar (c	Acid Number	ATTONS INC - 20	BIRMINGHA
Non-ferrou Non-ferrou Viscosity @ Viscosity @ Viscosity @ Solution	USA - 501 Madis Received Diagnose	son Ave., Ca d : 17 l ed : 21 l	EZJSZCHAS EZJSZCHAS (0)H03 PUP 0.0 EZJSZCHAS EZJSZC	Acid Number	ATTONS INC - 20	BIRMINGHA MONROE D PELHAM, A
Non-ferrou Non-ferrou Viscosity @ Viscosity @ Viscosity @ Severe Solution Severe WearCheck UCP06010982 : 10750126	USA - 501 Madis USA - 501 Madis 82 Received Diagnost	son Ave., Ca d : 17 l ed : 21 l iician : Jon	EZJ52des (9)H03 Public EZJ52des (9)H03 Public (9)H03 Public (Acid Number	ATTONS INC - 20	BIRMINGHA MONROE D PELHAM, A US 3512
Non-ferrou Non-ferrou Viscosity @ Viscosity @ Viscosity @ Severe Solution Severe WearCheck UCP06010982 : 10750126 : IND 2	USA - 501 Madia B2 Received Diagnost	son Ave., Ca d : 17 l ed : 21 l iician : Jon	EZ/52/deg (9)H00 Pull EZ/52/deg (9)H00 Pull	Acid Number	ATTONS INC - 20 Contact:	BIRMINGHA MONROE D PELHAM, A US 3512 MARK FLOY
Non-ferrou Non-ferrou Viscosity (Viscosity (Source Sour	USA - 501 Madia USA - 501 Madia 82 Received Diagnost Diagnost	son Ave., Ca d : 17 ed : 21 tician : Jon	E2/52/deg (PHO) Bull Jack Provide State E2/52/deg (PHO) Bull Jack Provide State E2/52/deg (PHO) Bull Jack Provide State E2/52/deg (PHO) Bull Jack Provide State Provide St	Acid Number	ATTONS INC - 20 Contact: mark.floyd@j	BIRMINGHA MONROE D PELHAM, A US 3512 MARK FLOY pattonsinc.co

Certificate L2367 To discuss * - Denotes

Statements

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