

OIL ANALYSIS REPORT

AEON 9000 SP [U1-3364877]

GARDNER DENVER S676085 - CALIFORNIA DAIRIES (S/N S676082)

Component Compressor





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 INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06143190		
Sample Date		Client Info		15 Mar 2024		
Machine Age	hrs	Client Info		5220		
Oil Age	hrs	Client Info		5220		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
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	0	0		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	0	0		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	800	320		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	0	0		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2

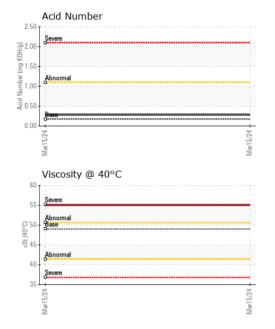
Acid Number (AN)

mg KOH/g ASTM D8045 .170

0.28



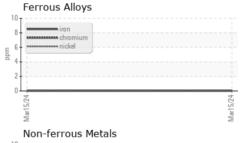
OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	49.01	55.02		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image

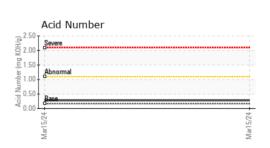
GRAPHS

Bottom









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Sample No. Lab Number : 06143190 Unique Number : 10967998

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06143190

Received : 09 Apr 2024 **Tested** : 15 Apr 2024

Diagnosed

: 15 Apr 2024 - Jonathan Hester

Contact: BARRY FRKOVICH

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CISCO AIR SYSTEMS

SACRAMENTO, CA

214 27TH ST

US 95816

Test Package : IND 2 Certificate 12367

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