

## **OIL ANALYSIS REPORT**

#### Area NOT GIVEN Machine Id GARDNER DENVER U72774 - NORRIS 6 Component

Compressor

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

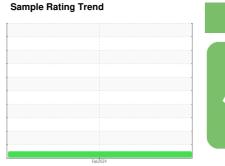
All component wear rates are normal.

#### 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.





NORMAL

SAMPLE INFORM	<b>NATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06098505		
Sample Date		Client Info		15 Feb 2024		
Machine Age	hrs	Client Info		16715		
Oil Age	hrs	Client Info		8000		
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		<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		1		
Phosphorus	ppm	ASTM D5185m		698		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		82		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.57		



0.60 (B/H0.48) HOX 뤁 0.36 na m 0.24 Pio 0.12 0.00 Feb15/24

> 52 Abnormal

> 38 Feb15/24

# **OIL ANALYSIS REPORT**

Acid Number		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		
Feb 15/24	Feb15/24 -	Appearance	scalar	*Visual	NORML	NORML		
Feb1	Feb1	Odor	scalar	*Visual	NORML	NORML		
Viscosity @ 40°C		Emulsified Water	scalar	*Visual	>0.1	NEG		
Abnomal		Free Water	scalar	*Visual		NEG		
		FLUID PROPER1	TIFS	method	limit/base	current	history1	history2
		Visc @ 40°C	cSt	ASTM D445	innibouse	50.0		
		SAMPLE IMAGES	s	method	limit/base	current	history1	history2
Abnormal			5	method		current	Thistory I	matoryz
Feb15,224	Feb15/24 +	Color					no image	no image
		Bottom					no image	no image
		Non-ferrous Metal			Feb15/24	Acid Number		
		55 Abnormal			( <sup>0</sup> /Ho 0.4			
		50 - 9 50 - 9 50 - 9 45			4.0 C (J) 6.0 J 4.0 V (J) 4.0	16 - 14 - 2 -		Fda15/24
Certificate 12367 Tex To discuss this sar	mple No. b Number que Number st Package mple report,	: 10896735	Recei Teste Diagr	ived : 23 ed : 26 nosed : 26 800-237-1369	y, NC 27513 3 Feb 2024 3 Feb 2024 Feb 2024 - Doi 9.	GREEN C	1 <sup>.</sup> CLA Contact: AS ashley	ESSOR SERVICE 1974 E 530 RD IREMORE, OK US 74019 HLEY PIGUET @gccs.us.com (918)06-6343

\* - 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)

T: (918)906-6343

F: