

## **OIL ANALYSIS REPORT**

### Area AIRLUBE COOLANT PE [S-2469813] **INGERSOLL RAND CA2024U01093 - SCHNEIDER ELECTRIC**

Compressor

Recommendation

Contamination

Fluid Condition

Wear

the oil

We advise that you follow the water drain-off

early resample to monitor this condition.

All component wear rates are normal.

The AN level is acceptable for this fluid.

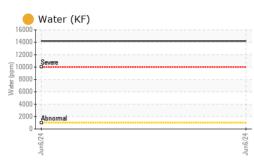
### SAMPLE INFORMATION method UCH06204791 Sample Number **Client Info** 06 Jun 2024 Sample Date Client Info procedure for this component. We recommend an 61856 Machine Age hrs **Client Info** Oil Age hrs Client Info 0 Oil Changed **Client Info** Not Changd ATTENTION Sample Status There is a high concentration of water present in >50 Iron ppm ASTM D5185m <1 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Titanium ASTM D5185m <1 ppm Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 <1 >25 Lead ASTM D5185m 1 ppm 2 Copper ASTM D5185m >50 ppm Tin ppm ASTM D5185m >15 2 Vanadium ASTM D5185m ppm <1 Cadmium ppm ASTM D5185m 0 0 0 Boron ASTM D5185m ppm Barium ppm ASTM D5185m 700 622 0 Molybdenum ASTM D5185m 0 ppm Manganese ppm ASTM D5185m 0 <1 Magnesium ASTM D5185m 0 0 ppm 0 Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 0 Zinc ASTM D5185m 0 <1 ppm 276 Sulfur ASTM D5185m 630 ppm Silicon ppm ASTM D5185m >25 2 6 Sodium ppm ASTM D5185m Potassium ASTM D5185m >20 3 ppm Water % ASTM D6304 >0.1 1.42 ppm Water >1000 14200 ppm ASTM D6304 FLUID DEGRADATION Acid Number (AN) mg KOH/g ASTM D8045 0.200 0.085

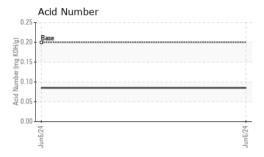
WATER

Sample Rating Trend



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	VISUAL		method	limit/ba	ase curre	ent 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		
Jun6/24	Appearance	scalar	*Visual	NORM	-		
7	Odor	scalar	*Visual	NORML			
	Emulsified Water	scalar	*Visual	>0.1	0.2%		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT	IES	method	limit/ba		ent history1	history2
	Visc @ 40°C	cSt	ASTM D445	47.6	53.0		
	SAMPLE IMAGES	S	method	limit/ba	ase curre	ent history1	history2
Jun6/24	Color				A.	no image	no image
	Bottom					no image	no image
	GRAPHS						
	Ferrous Alloys						
	10 8						
	Ed. 4			Jun6/24			
	Non-ferrous Metal	S		Jun6/24			
	Viscosity @ 40°C	Acid Nu			mber		
	55 - Abnormal				0.25 Base 0.20 Base 0.15 0.15 0.05 0.05		
					E 0.15		
	(2,04) 50 Base		****		a 0.10		
	45 Abnormal				0.05		
	40 + 72/9un				Jun6/24		3/24
	Junl			Jun6/24	Junf		Jun6/24
Unique Number Test Package s sample report,	: WearCheck USA - 50 : UCH06204791 : 06204791 : 11072252 : IND 2 ( Additional Tess contact Customer Services	Receit Teste Diagr Sts: KF ) Sice at 1-8	ived : 10 ed : 12 nosed : 12 800-237-136	) Jun 202 2 Jun 202 Jun 2024 - 9.	4	F	V ANGLE ROAD PENDELTON, IN US 46064 IAN CALDWELL

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) F: (765)788-0919

Certificate L2367

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Contact/Location: BRIAN CALDWELL - UCCAPPEN

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