

OIL ANALYSIS REPORT

Area 04 Machine Id [04] BASELINE - COMPRESSOR LIFE 32

New (Unused) Oil Fluid

{not provided} (5 GAL)

Recommendation

This is a baseline read-out on the submitted sample. (Customer Sample Comment: Compressor Life 32 Batch#18A3002)



Sample Rating Trend

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0004906		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		0		
Lead	ppm	ASTM D5185m		<1		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		<1		
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		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		197		
Phosphorus	ppm	ASTM D5185m		8		
Zinc	ppm	ASTM D5185m		2		
Sulfur	ppm	ASTM D5185m		23545		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.23		



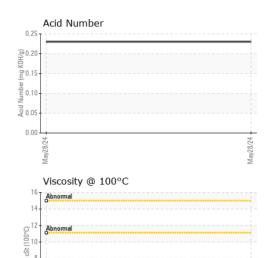
Abnorma

Mav28/24

OIL ANALYSIS REPORT

VISUAL

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



MajcBi24	White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar *Vi scalar *Vi scalar *Vi scalar *Vi scalar *Vi scalar *Vi	isual N isual N isual N isual N isual N isual N	NONE NONE NONE NONE NONE NONE NORML	NONE NONE NONE NONE NORE NORML NORML NEG	/ / / / / / / / / / / / / / / / / /	
-	Free Water FLUID PROPERT Visc @ 40°C Visc @ 100°C	scalar *Vi TIES m cSt AS	isual nethod TM D445 TM D445	limit/base	NEG current 32.45 6.25	 history1 	 history2
	Viscosity Index (VI)	Scale AS	TM D2270		145		
May28/24 +	SAMPLE IMAGES	5 11	nethod	limit/base	current	history1 no image	history2 no image
	Bottom					no image	no image
2	Non-ferrous Metal	s		May28/24			
h	Viscosity @ 40°C			(0,10,25 HOX 0,20 Bu 0,15 MOX 0,15 W 0,10 V 0,05 V 0,00	Acid Number		44
Laboratory Sample No.	: WearCheck USA - 50 : HPL0004906	Received	: 03 J	NC 27513 un 2024	7.707 AB WI		KENSING SINGTON RE
Certificate 12367 Certificate 12367 To discuss this sample report * - Denotes test methods that Statements of conformity to s	: 11060256 : MOB 2 (Additional Te t, contact Customer Servi are outside of the ISO 1	ice at 1-800-2 7025 scope (ed : 05 Jur (V100, Prt0 237-1369. of accredita	ation.	timothy.h	Contact: ubert@kensing T: (ANKAKEE, II US 6090 ⁻ TIM HUBER ⁻ solutions.con 815)939-8918 E ⁻ V

Viscosity @ 100°C 16 Abno 14 cSt (100°C) 0 10°C) Ab 4. May28/24

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Submitted By: TIM HUBERT

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