

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area 34 Machine Id [34] A34 R1 AGITATOR

Center Agitator Gearbox

GEAR LIFE 220 (7 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Gear Life 220)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

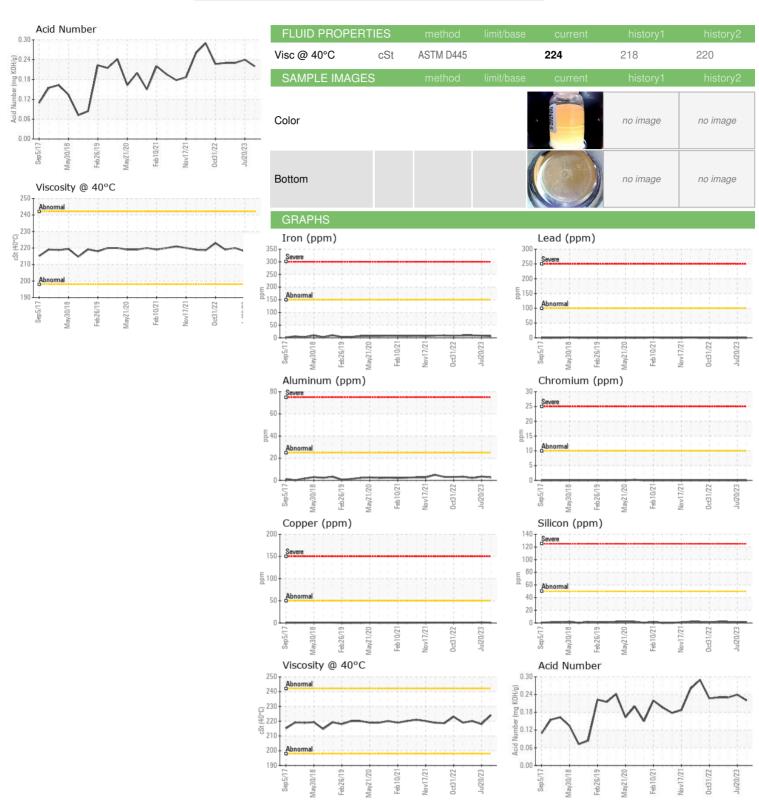
Fluid Condition

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

Sample Number	192(317) Mengki018 Feek2013 Mengki020 Feek2021 Newb021 Octob222 Juli0023							
Client Info	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info 750 600 450 Oil Changed Client Info Not Changd Not Chang	Sample Number		Client Info		HPL0003598	HPL0003277	HPL0002803	
Oil Age Oil Changed Oil Changed Sample Status Client Info 750 600 450 Not Changed Sample Status Client Info Not Changed NoRMAL Not Changed NORMAL	Sample Date		Client Info		10 Nov 2023	20 Jul 2023	30 May 2023	
Oil Changed Sample Status	Machine Age	hrs	Client Info		0	0	0	
NORMAL NORMAL NORMAL	Oil Age	hrs	Client Info		750	600	450	
WEAR METALS	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd	
Iron	Sample Status				NORMAL	NORMAL	NORMAL	
Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m 0 <1 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >25 3 4 2 Lead ppm ASTM D5185m >50 <1 1 <1 <1 Tin ppm ASTM D5185m >50 <1 1 <1 0 <th>WEAR METALS</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	WEAR METALS		method	limit/base	current	history1	history2	
Nickel	Iron	ppm	ASTM D5185m	>150	6	9	9	
Titanium	Chromium	ppm	ASTM D5185m	>10	0	0	0	
Silver	Nickel	ppm	ASTM D5185m	>10	0	0	0	
Aluminum	Titanium	ppm	ASTM D5185m		0	<1	0	
Lead ppm ASTM D5185m >100 0 0 0 Copper ppm ASTM D5185m >50 <1 1 <1 Tin ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m 0 <1 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 <1 <1 1 1 Magnesium ppm ASTM D5185m 32 34 36 1 12 1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1	Silver	ppm	ASTM D5185m		0	0	0	
Copper ppm ASTM D5185m >50 <1	Aluminum	ppm	ASTM D5185m	>25	3	4	2	
Copper ppm ASTM D5185m >50 <1	Lead	ppm	ASTM D5185m	>100	0	0	0	
Vanadium ppm ASTM D5185m 0 <1	Copper	ppm	ASTM D5185m	>50	<1	1	<1	
Vanadium ppm ASTM D5185m 0 <1					0	0	0	
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m -1 -1 0 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 -1 -1 Magnesium ppm ASTM D5185m -1 0 0 Magnesium ppm ASTM D5185m -1 0 0 Calcium ppm ASTM D5185m 54 125 132 Zinc ppm ASTM D5185m 54 125 132 Zinc ppm ASTM D5185m 66 79 82 Sulfur ppm ASTM D5185m 16391 20652 21384 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 1	Vanadium		ASTM D5185m		0	<1	0	
ADDITIVES	Cadmium		ASTM D5185m		0	0	0	
Boron	ADDITIVES		method	limit/base	current	history1	history2	
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Magnesium ppm ASTM D5185m <1	•						-	
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Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	VISUAL		method	limit/base	current	history1	history2	
Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG	White Metal	scalar	*Visual	NONE		NONE	NONE	
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Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	NONE	
Odor scalar *Visual NORML NORML NORML NORML NORML NORML NORML NORML NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE	
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML	
Free Water scalar *Visual NEG NEG NEG	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG	
	Free Water	scalar	*Visual		NEG	NEG	NEG	



OIL ANALYSIS REPORT





Certificate L2367

Laboratory Sample No. Lab Number

Unique Number Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : HPL0003598 Received : 15 Nov 2023 : 06008512

: 10742274

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

Diagnosed : 17 Nov 2023 Diagnostician : Don Baldridge

KENSING 2525 S KENSINGTON RD KANKAKEE, IL US 60901

Contact: TIM HUBERT

timothy.hubert@kensingsolutions.com T: (815)939-8918

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.

F: x:

Report Id: BASKAN [WUSCAR] 06008512 (Generated: 11/17/2023 16:44:05) Rev: 1