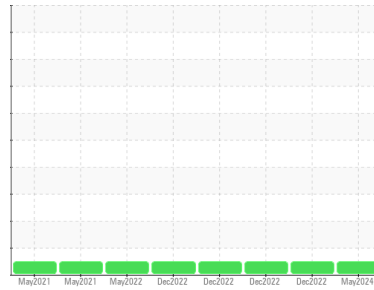




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
[13995133]
 Machine Id
CAHE-KBC503150

Component
Grease
 Fluid
MOBIL MOBILITH SHC SERIES 220 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Grease Condition

The condition of the grease is acceptable for the time in service.

Contaminants

There is no indication of any contamination in the grease.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC	PP	PP
Sample Date	Client Info	03 May 2024	01 Dec 2022	01 Dec 2022
Machine Age	hrs Client Info	0	0	0
Grease Age	hrs Client Info	0	0	0
Grease Serviced	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >200	90	0	0
Iron	ppm ASTM D5185(m) >250	27	1	<1
Chromium	ppm ASTM D5185(m) >10	0	0	0
Nickel	ppm ASTM D5185(m) >5	<1	<1	<1
Cadmium	ppm ASTM D5185(m)	0	0	0
Titanium	ppm ASTM D5185(m)	0	0	0
Vanadium	ppm ASTM D5185(m)	0	0	0
Lead	ppm ASTM D5185(m) >25	0	0	0
Copper	ppm ASTM D5185(m) >75	<1	0	0
Tin	ppm ASTM D5185(m) >5	0	0	0
Silver	ppm ASTM D5185(m) >5	<1	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 0	2	0	0
Magnesium	ppm ASTM D5185(m) 0	<1	0	0
Manganese	ppm ASTM D5185(m) 0	<1	0	0
Molybdenum	ppm ASTM D5185(m) 0	0	0	0
Phosphorus	ppm ASTM D5185(m) 150	141	205	208
Zinc	ppm ASTM D5185(m) 225	217	270	273
Antimony	ppm ASTM D5185(m) 0	<1	<1	<1

THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	<1	0	0
Barium	ppm ASTM D5185(m) 0	<1	0	0
Calcium	ppm ASTM D5185(m) 10	11	0	0
Sodium	ppm ASTM D5185(m) 0	12	2	1
Lithium	ppm ASTM D5185(m) 400	478	447	442
Sulfur	ppm ASTM D5185(m) 700	603	807	823

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	2	0	<1
Potassium	ppm ASTM D5185(m)	<1	0	<1

GREASE CONDITION

method	limit/base	current	history1	history2
Grease Color	Visual* Red	Red	Red	Red
Texture	In-house*	Buttery	Buttery	Buttery
NLGI Consistency	NLGI Scale SKF Method* 2	3	3	3

