

OIL ANALYSIS REPORT

Sample Rating Trend

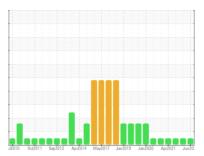
NORMAL



KEMP QUARRIES / MUSKOGEE SAND Machine Id WL015

Component Transmission (Manual)

MOBIL MOBILTRANS HD 30 (--- GAL)





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 fluid.

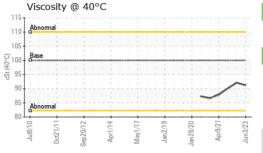
Fluid Condition

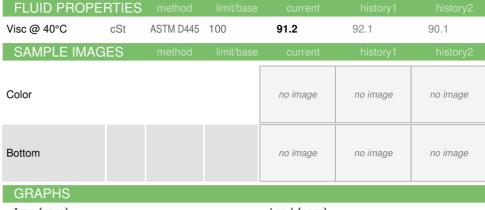
The condition of the fluid is acceptable for the time in service.

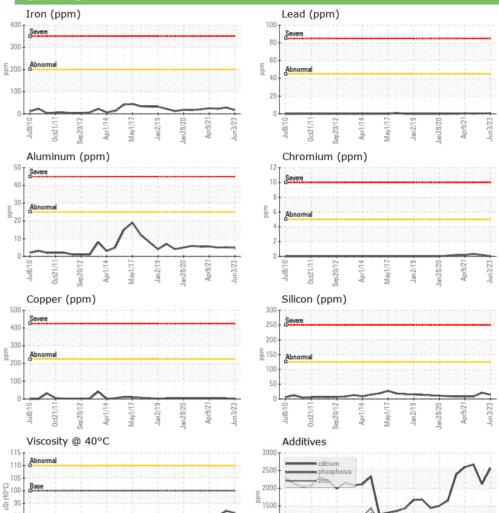
Sample Number Clief Sample Date Clief Machine Age Oil Age Oil Changed Sample Status Clief	ethod limit/b nt Info nt Info nt Info nt Info nt Info nt Info	PCA0087110 03 Jun 2023 1895 685 Not Changd	history1 PCA0070540 16 Feb 2023	history2 PCA0034575
Sample Date Machine Age Oil Age Oil Changed Sample Status Client Clien	nt Info nt Info nt Info	03 Jun 2023 1895 685	16 Feb 2023	PCA0034575
Machine Age hrs Clien Oil Age hrs Clien Oil Changed Clien Sample Status	nt Info nt Info	1895 6 85		
Oil Age hrs Clien Oil Changed Clien Sample Status	nt Info	685		22 Sep 2021
Oil Changed Client Sample Status			1210	760
Sample Status	nt Info	Not Change	2000	2990
		. Tot Onlangu	Changed	Not Changd
WEAR METALS me		NORMAL	NORMAL	NORMAL
	ethod limit/b	ase current	history1	history2
Iron ppm ASTM	D5185m >200	17	28	22
Chromium ppm ASTM	D5185m >5	0	<1	<1
Nickel ppm ASTM	D5185m >5	0	<1	<1
Titanium ppm ASTM	D5185m	0	<1	<1
Silver ppm ASTM	D5185m >7	0	0	0
Aluminum ppm ASTM	D5185m >25	5	5	5
Lead ppm ASTM	D5185m >45	<1	<1	<1
	D5185m >225	2	2	3
	D5185m >10	0	<1	0
	D5185m			0
	D5185m	0	0	0
la la company	D5185m	0	0	0
	ethod limit/b	ase current	history1	history2
	D5185m	2	5	15
	D5185m	0	0	0
	D5185m	4	14	11
	D5185m	0	<1	<1
•	D5185m	41	215	169
	D5185m	2568	2118	2671
	D5185m	856	891	928
	D5185m	1048	1079	1109
r r	D5185m	3365	4271	8210
CONTAMINANTS me	ethod limit/b	ase current	history1	history2
Olli tomic	D5185m >125	14	21	8
Silicon ppm ASTM				
	D5185m	0	2	2
Sodium ppm ASTM	D5185m >20	0 2	1	1
Sodium ppm ASTM Potassium ppm ASTM		2	1 history1	2 1 history2
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis	D5185m >20 ethod limit/b ual NONE	2 ase current NONE	1 history1 NONE	1 history2 NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis	D5185m >20 othod limit/b ual NONE ual NONE	2 ase current NONE NONE	1 history1 NONE NONE	1 history2 NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis	othod limit/b ual NONE ual NONE ual NONE	2 ase current NONE NONE NONE	history1 NONE NONE NONE	history2 NONE NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis	othod limit/b ual NONE ual NONE ual NONE ual NONE	2 ase current NONE NONE	1 history1 NONE NONE	1 history2 NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis	othod limit/b ual NONE ual NONE ual NONE ual NONE	2 ase current NONE NONE NONE	history1 NONE NONE NONE	history2 NONE NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis Debris scalar *Vis	bthod limit/bual NONE ual NONE ual NONE ual NONE ual NONE ual NONE ual NONE	2 ase current NONE NONE NONE LIGHT	history1 NONE NONE NONE NONE NONE	history2 NONE NONE NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis Debris scalar *Vis Sand/Dirt scalar *Vis	bthod limit/b ual NONE ual NONE ual NONE ual NONE ual NONE ual NONE ual NONE	ase current NONE NONE NONE LIGHT NONE NONE NONE	history1 NONE NONE NONE NONE NONE NONE	history2 NONE NONE NONE NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis Debris scalar *Vis Sand/Dirt scalar *Vis Appearance scalar *Vis	bthod limit/bual NONE ual NONE	ase current NONE NONE NONE LIGHT NONE NONE NONE NONE NONE NONE	history1 NONE NONE NONE NONE NONE NONE NONE	history2 NONE NONE NONE NONE NONE NONE NONE
Sodium ppm ASTM Potassium ppm ASTM VISUAL me White Metal scalar *Vis Yellow Metal scalar *Vis Precipitate scalar *Vis Silt scalar *Vis Debris scalar *Vis Sand/Dirt scalar *Vis Appearance scalar *Vis	bthod limit/b ual NONE	ase current NONE NONE NONE LIGHT NONE NONE NONE NONE NONE NONE	history1 NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE	1 history2 NONE NONE NONE NONE NONE NONE NONE NON



OIL ANALYSIS REPORT







1000 500





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: PCA0087110 : 05900865

90

: 10562221 Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jul 2023

Diagnostician

: 19 Jul 2023 Diagnosed : Wes Davis

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.

Kemp Quarries - Muskogee Sand

3395 W 50th St N Porter, OK

US 74454 Contact:

muskogee@muskogeesand.com

T: F:

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