

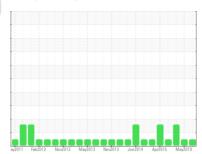
# **OIL ANALYSIS REPORT**



KEMP QUARRIES / PRYOR STONE [19228149044] **WL027** 

Component **Transmission** 

MOBIL MOBILTRANS HD 30 (--- GAL)



Sample Rating Trend



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the fluid.

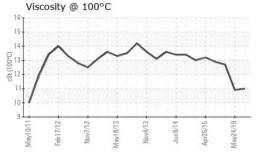
## **Fluid Condition**

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

		ay2011 Feb20	12 Nov2012 May2013	Nov2013 Jun2014 Apr2015	May2019				
SAMPLE INFORMATION		method	limit/base	current	history1	history2			
Sample Number		Client Info		PCA28149044	PCA82439076	PCA03183070			
Sample Date		Client Info		01 Aug 2019	24 May 2019	03 Apr 2018			
Machine Age	hrs	Client Info		14073	13681	13252			
Oil Age	hrs	Client Info		261	761	761 N/A			
Oil Changed		Client Info		N/A	N/A				
Sample Status				NORMAL	NORMAL	ABNORMAL			
CONTAMINATION		method	limit/base	current	history1	history2			
Water		WC Method		NEG	NEG	NEG			
WEAR METAL	.S	method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185(m)		4	5	10			
Chromium	ppm	ASTM D5185(m)		0	0	0			
Nickel	ppm	ASTM D5185(m)		0	0	0			
Titanium	ppm	ASTM D5185(m)		0	0				
Silver	ppm	ASTM D5185(m)		0	0				
Aluminum	ppm	ASTM D5185(m)		1	2	1			
Lead	ppm	ASTM D5185(m)		0	0	0			
Copper	ppm	ASTM D5185(m)		1	2	18			
Tin	ppm	ASTM D5185(m)		0	0	0			
Vanadium	ppm	ASTM D5185(m)		0	0				
Cadmium	ppm	ASTM D5185(m)		0	0				
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185(m)		5	6	54			
Barium	ppm	ASTM D5185(m)		0	0	0			
Molybdenum	ppm	ASTM D5185(m)		1	1	37			
Manganese	ppm	ASTM D5185(m)		0	0				
Magnesium	ppm	ASTM D5185(m)		18	26	566			
Calcium	ppm	ASTM D5185(m)		3163	2788	1421			
Phosphorus	ppm	ASTM D5185(m)		1008	1005	885			
Zinc	ppm	ASTM D5185(m)		1144	1023	948			
CONTAMINAN	ITS	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185(m)		5	5	<u> </u>			
Sodium	ppm	ASTM D5185(m)		2	3	4			
Potassium	ppm	ASTM D5185(m)		1	1	0			
FLUID DEGRA	DATION	method	limit/base	current	history1	history2			
Oxidation	Abs/.1mm	ASTM D7414*		1		24			
FLUID PROPE	RTIES	method	limit/base	current	history1	history2			
Visc @ 100°C	cSt	ASTM D7279(m)		11	10.9	12.7			



# **OIL ANALYSIS REPORT**



SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

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I 80 T	ron (ppm)	)						1.2	Lead	l (ppn	า)							
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20 -	/ \							0.48			1							
10-		1			/	~	~	0.24			1							
0 1 1	Feb17/12 -	Nov7/12 -	May18/13 -	Nov4/13 -	Jun9/14 -	Apr25/15 -	May24/19	0-	May10/11	Feb17/12	Nov7/12 -	May18/13.	Nov4/13	Jun9/14	Apr25/15	May24/19.		
	Aluminum	(ppm	)						Chro	mium	ıqq) ı							
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	Viscosity @ 40°C								Additives									
1								3500		calci	um							
0.5 -								3000 - 2500 -	*******	phos	phorus					1		
cSt (40°C)								돌 2000	/	ノ	_	~		~	\			
-0.5 + -								1500	-			-			1	]		
								1000	W. William	Griden.	- Name	- Common of the	Charte Sale	and the same	Marine	Section .		
-14	-11/2	Nov7/12 -	8/13	Nov4/13 -	Jun9/14	5/15	4/19	500	-11/0	7/12	Nov7/12-	8/13	Nov4/13 -	9/14	5/15	4/19		
	May 10/11	Nov	May18/13	Nov	Jun	Apr25/15	May24/19		May10/1	Feb17/12	Nov	May18/13	Nov	Jun9/14	Apr25/15	May24/19.		



Laboratory : WearCheck -

Sample No. : PCA28149044 Received : 16 Aug 2019
Lab Number : 28149044 Diagnosed : 25 Feb 2020
Unique Number : 13441564 Diagnostician : Wes Davis
Test Package : MOB1+ (Additional Tests: FT-IR, ICP, KV100)

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Kemp Quarries - Pryor Stone - Pryor

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Contact:

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