

## Account Information

ID: 402009  
 Name: Greer Lime  
 Address: 1088 Germany Valley Limestone Road, Riverton, WV 26814-0000 US  
 Parent Account: MATTHEWS LUBRICANTS, INC.

## Sample Information

Sample ID: 25350221016  
 Service Level: Essential  
 Bottle ID: a037297590  
 Tested Lubricant: MOBIL SHC 636

## Equipment Information

Asset Class: Circulating System  
 Manufacturer:  
 Model:  
 Lubricant: MOBIL SHC 636

## Sample Data & Trends

	Report Status	Normal	Alert	Normal	Normal	Normal	Viscosity																						
Sample Info	Sample ID	24162579011	24205294025	24330183007	25147288003	25350221016	<table border="1"> <thead> <tr> <th>Date</th> <th>Viscosity (cSt)</th> </tr> </thead> <tbody> <tr><td>03 Jun 2024</td><td>718.0</td></tr> <tr><td>16 Jul 2024</td><td>720.0</td></tr> <tr><td>13 Nov 2024</td><td>716.3</td></tr> <tr><td>18 May 2025</td><td>717.2</td></tr> <tr><td>03 Dec 2025</td><td>714.0</td></tr> </tbody> </table>	Date	Viscosity (cSt)	03 Jun 2024	718.0	16 Jul 2024	720.0	13 Nov 2024	716.3	18 May 2025	717.2	03 Dec 2025	714.0										
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Service Level	Essential	Essential	Essential	Essential	Essential																								
Bottle ID	a003623057	a003616739	a033579396	a003623705	a037297590																								
Tested Lubricant	MOBIL SHC 636	MOBIL SHC 636	MOBIL SHC 636	MOBIL SHC 636	MOBIL SHC 636																								
Sampled	03 Jun 2024	16 Jul 2024	13 Nov 2024	18 May 2025	03 Dec 2025																								
Reported	18 Jun 2024	29 Jul 2024	27 Nov 2024	29 May 2025	18 Dec 2025																								
Equipment Age																													
Oil Age																													
Make-up Volume																													
Oil Changed																													
Filter Changed																													
Lubricant	Contamination Rating	Normal	Normal	Normal	Normal	Normal	<table border="1"> <thead> <tr> <th>Date</th> <th>Wear</th> </tr> </thead> <tbody> <tr><td>03 Jun 2024</td><td>22</td></tr> <tr><td>16 Jul 2024</td><td>60</td></tr> <tr><td>13 Nov 2024</td><td>18</td></tr> <tr><td>18 May 2025</td><td>25</td></tr> <tr><td>03 Dec 2025</td><td>20</td></tr> </tbody> </table>	Date	Wear	03 Jun 2024	22	16 Jul 2024	60	13 Nov 2024	18	18 May 2025	25	03 Dec 2025	20										
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Visc@40C (cSt)	718.0	720.0	716.3	717.2	714.0																								
TAN (mg KOH/g)	0.42	0.42	0.42	0.42	0.42																								
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected																								
Wear (ppm)	Ag (Silver)	0	0	0	0	0	<table border="1"> <thead> <tr> <th>Date</th> <th>Contaminant (ppm)</th> </tr> </thead> <tbody> <tr><td>03 Jun 2024</td><td>Na (Sodium)</td></tr> <tr><td>16 Jul 2024</td><td>Al (Aluminum)</td></tr> <tr><td>13 Nov 2024</td><td>Cr (Chromium)</td></tr> <tr><td>18 May 2025</td><td>Cu (Copper)</td></tr> <tr><td>03 Dec 2025</td><td>Fe (Iron)</td></tr> <tr><td>03 Jun 2024</td><td>Pb (Lead)</td></tr> <tr><td>16 Jul 2024</td><td>Ni (Nickel)</td></tr> <tr><td>13 Nov 2024</td><td>Sn (Tin)</td></tr> <tr><td>18 May 2025</td><td>K (Potassium)</td></tr> <tr><td>03 Dec 2025</td><td>Si (Silicon)</td></tr> </tbody> </table>	Date	Contaminant (ppm)	03 Jun 2024	Na (Sodium)	16 Jul 2024	Al (Aluminum)	13 Nov 2024	Cr (Chromium)	18 May 2025	Cu (Copper)	03 Dec 2025	Fe (Iron)	03 Jun 2024	Pb (Lead)	16 Jul 2024	Ni (Nickel)	13 Nov 2024	Sn (Tin)	18 May 2025	K (Potassium)	03 Dec 2025	Si (Silicon)
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Al (Aluminum)	0	0	0	0	0																								
Cr (Chromium)	0	0	0	0	0																								
Cu (Copper)	17	60	12	21	13																								
Fe (Iron)	1	2	0	1	1																								
Mo (Molybdenum)	1	0	0	0	0																								
Ni (Nickel)	0	0	0	0	0																								
Pb (Lead)	5	14	3	4	3																								
Sn (Tin)	0	1	1	1	1																								
Contaminant (ppm)	K (Potassium)	1	0	1	0	0	<table border="1"> <thead> <tr> <th>Date</th> <th>Property</th> </tr> </thead> <tbody> <tr><td>03 Jun 2024</td><td>TAN (mg KOH/g)</td></tr> <tr><td>16 Jul 2024</td><td>Water (Hot Plate)</td></tr> <tr><td>13 Nov 2024</td><td>TAN (mg KOH/g)</td></tr> <tr><td>18 May 2025</td><td>Water (Hot Plate)</td></tr> <tr><td>03 Dec 2025</td><td>TAN (mg KOH/g)</td></tr> </tbody> </table>	Date	Property	03 Jun 2024	TAN (mg KOH/g)	16 Jul 2024	Water (Hot Plate)	13 Nov 2024	TAN (mg KOH/g)	18 May 2025	Water (Hot Plate)	03 Dec 2025	TAN (mg KOH/g)										
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Na (Sodium)	0	0	0	0	0																								
Si (Silicon)	6	6	8	13	12																								
B (Boron)	0	0	0	2	1																								
Ba (Barium)	0	0	0	0	0																								
Additive (ppm)	Ca (Calcium)	2	5	2	3	6	<table border="1"> <thead> <tr> <th>Date</th> <th>Property</th> </tr> </thead> <tbody> <tr><td>03 Jun 2024</td><td>TAN (mg KOH/g)</td></tr> <tr><td>16 Jul 2024</td><td>Water (Hot Plate)</td></tr> <tr><td>13 Nov 2024</td><td>TAN (mg KOH/g)</td></tr> <tr><td>18 May 2025</td><td>Water (Hot Plate)</td></tr> <tr><td>03 Dec 2025</td><td>TAN (mg KOH/g)</td></tr> </tbody> </table>	Date	Property	03 Jun 2024	TAN (mg KOH/g)	16 Jul 2024	Water (Hot Plate)	13 Nov 2024	TAN (mg KOH/g)	18 May 2025	Water (Hot Plate)	03 Dec 2025	TAN (mg KOH/g)										
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Mg (Magnesium)	1	0	0	0	1																								
P (Phosphorus)	419	447	348	449	423																								
Zn (Zinc)	1	2	1	1	3																								



Normal

Unit ID: 4-RK-2

Asset ID: 50074751

Description: Kiln 1 Drive Trunion Bearing 7

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Continued

## Recommendation/Comments

NO ACTION REQUIRED ON OIL OR EQUIPMENT. Results indicate that all levels are within acceptable ranges. Examine progressive changes and monitor results for changing trends. Sample at next scheduled interval. Contact your ExxonMobil representative for further assistance if necessary.

## Sample Timeline

- 03 Dec 2025 10:07 PM UTC - Shawn Turner - In Service Oil Sample Comments: Photo: