



## EAST OF WEST JM EAST OF WEST - GENSET

Sample No: VPA047807
Oil Type: SHELL 15W40

Base Number (BN) mg KOH/g 9.3					
Sample Date   14 Feb 2024	SAMPLE INFORMAT	TION			
Sample Date   14 Feb 2024	Cample Number		VDA047907		
Machine Hours					
Oil Changed					
Changed   Chan					
NORMAL					
Dil CONDITION			_		
Visc @ 100°C			HORWAL	 _	
Base Number (BN) mg KOH/g 9.3	OIL CONDITION				
Contamination   Contaminatio   Contamination   Contamination   Contamination   Contamination	Visc @ 100°C	cSt	<b>14.4</b>	 	
Water   %   NEG         Soot %   %   0.1         Soot %   %   0.1         Sulfation (PA)   %   48         Sulfation (PA)   %   53         Sulfation (PA)   %   NEG         Sulfation (PA)   %   NEG         Sulfation (PA)   %   NEG           Sulfation (PA)   %   NEG             Sulfation (PA)   %   NEG   -	Base Number (BN)	mg KOH/g	9.3	 	
Neg	Oxidation (PA)	%	61	 	
Neg	CONTAMINATION				
Soot %		%	NEG	 	
Nitration (PA)					
Sulfation (PA)			_		
Glycol         %         NEG <td></td> <td></td> <th></th> <td></td> <td></td>					
Fuel					
Silicon ppm   7	-				
Sodium         ppm  <					
WEAR METALS           Iron         ppm         3			_		
WEAR METALS         Iron       ppm       3            Copper       ppm       <1	Potassium			 	
Iron	WEARMETALS				
Copper         ppm        1   <	MEAK WETALS				
Lead       ppm       <1	Iron	ppm	<b>■</b> 3	 	
Tin ppm   <1	Copper	ppm	<b>■&lt;1</b>	 	
Aluminum ppm 2	Lead	ppm	<b>■&lt;1</b>	 	
Chromium         ppm	Tin	ppm	_	 	
Molybdenum         ppm         42              Nickel         ppm         <1		ppm	<b>2</b>	 	
Nickel         ppm         <1	Chromium	ppm	<b>■&lt;1</b>	 	
Titanium ppm <1 Silver ppm 0		ppm	_	 	
Silver         ppm         0              Manganese         ppm         <1	Nickel	ppm	_	 	
Manganese         ppm              Vanadium         ppm         <1		ppm		 	
Vanadium         ppm         <1              ADDITIVES           Calcium         ppm         1616              Magnesium         ppm         406              Zinc         ppm         1146              Phosphorus         ppm         989              Barium         ppm         0	Silver	ppm	_	 	
ADDITIVES  Calcium ppm 1616  Magnesium ppm 406  Zinc ppm 1146  Phosphorus ppm 989  Barium ppm 0				 	
Calcium         ppm         1616              Magnesium         ppm         406              Zinc         ppm         1146              Phosphorus         ppm         989              Barium         ppm         0	Vanadium	ppm	<1	 	
Magnesium         ppm         406              Zinc         ppm         1146              Phosphorus         ppm         989              Barium         ppm         0	ADDITIODA				
Magnesium         ppm         406              Zinc         ppm         1146              Phosphorus         ppm         989              Barium         ppm         0	Calcium	ppm	<b>1616</b>	 	
Zinc         ppm         1146              Phosphorus         ppm         989              Barium         ppm         0	Magnesium			 	
Phosphorus         ppm         ■989              Barium         ppm         ■0	Zinc			 	
Barium ppm <b>0</b>	Phosphorus			 	
	Barium			 	
	Boron	ppm	<b>■</b> 81	 	

## The Talaria Company

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F: x:

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:VP592286Unique No:10928142Signed:Don BaldridgeReport Date:18 Mar 2024

## **OIL ANALYSIS REPORT**



