

R26-3  
MAY



**FINAL DRIVE REAR LEFT**

EQUIP NUM: SS-0334

SERIAL NUMBER: A9Z00334

N030-55254-0888

LABEL#: 202024848

SAMPLE SHIP TIME (days) : 2

LOCATION CATS LTD/

CHEMCO ELECTRICAL

CONTRACTORS LTD

RECEIVED DATE: 11-Sep-25

CAT 289D



No Action Required

Interp By: Aron Balines  
Interpreted On: 17-Sep-25

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

**SAMPLE INFORMATION**

	09-Sep-25	11-Jun-25
Sampled Date	09-Sep-25	11-Jun-25
Sample Id	N030-55254-0888	N030-55164-0717
Lab Date	11-Sep-25	13-Jun-25
Meter [Hr]	6750	6655
Meter On Fluid	1000	350
Fluid Brand	CAT	CAT
Fluid Weight	80W-90	80W-90
Fluid Type	GO	GO
Fluid Change	Y	Y
Filter Change	N	N
Make Up Fluid []	4.5	4

**CONDITION / CONTAMINATION**

		09-Sep-25	11-Jun-25
<b>VISCOSITY (Centistokes)</b>			
V100	Viscosity at 100 C	13.20	13.50
<b>VISCOSITY (Centistokes)</b>			
V40	Viscosity at 40 C	86.20	95.20
<b>VISCOSITY INDEX</b>			
VI	Viscosity Index	154	142

**WEAR LEVELS / ADDITIVES**

		09-Sep-25	11-Jun-25
<b>ELEMENTAL ANALYSIS (ppm)</b>			
Na	Sodium	3	2
K	Potassium	3	3
Si	Silicon	79	26
Al	Aluminum	9	3
Fe	Iron	1205	1394
Cr	Chromium	13	20
Pb	Lead	0	0
Cu	Copper	4	5
Sn	Tin	0	0
Ni	Nickel	0	0
Ag	Silver	0	0
Ti	Titanium	0	1
V	Vanadium	0	0
Zn	Zinc	238	40
Ca	Calcium	525	14
Mg	Magnesium	13	43
Ba	Barium	0	1
B	Boron	12	36
Mo	Molybdenum	2	1
P	Phosphorus	518	580

**INFRARED (UFM)**

		09-Sep-25	11-Jun-25
ST	Soot	0	0
OXI	Oxidation	42	41
SUL	Sulfate By-Product	40	48
NIT	Nitration	3	3

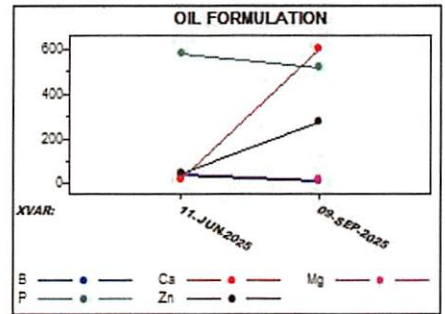
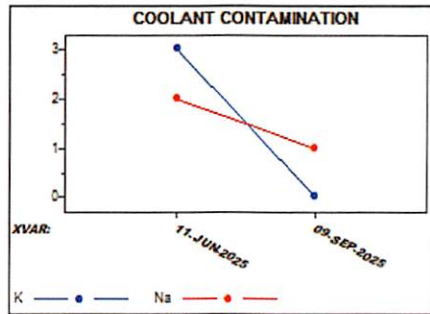
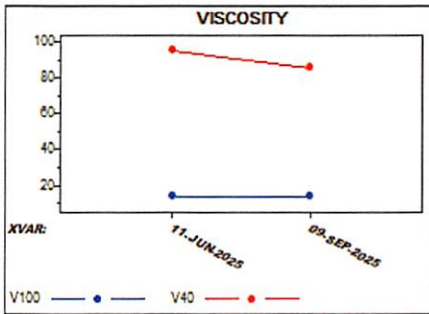
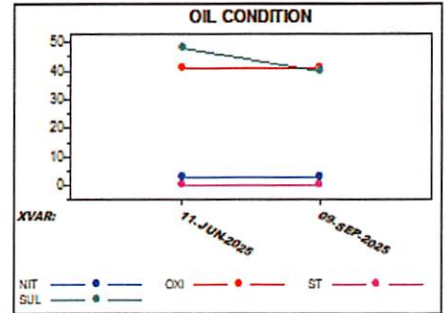
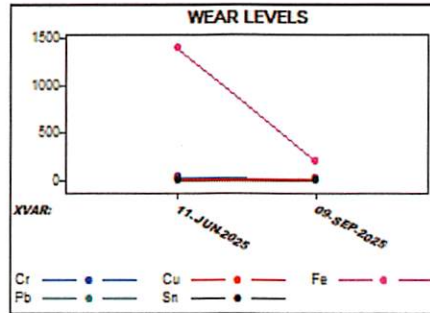
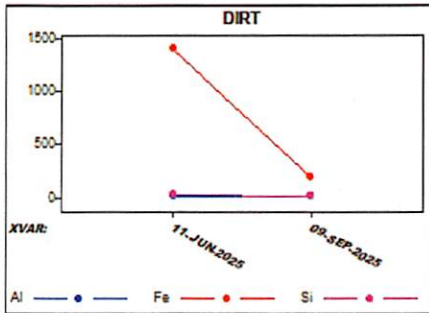
**WATER**

		09-Sep-25	11-Jun-25
W	Water	N	N

**CLEANLINESS**

		09-Sep-25	11-Jun-25
<b>PARTICLE COUNT</b>			
ISO	ISO Code Rating	BLH	BLACK

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.



**Report Comment**

VisionLink® will be the new home for S-O-SM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into vl.cat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.



**FINAL DRIVE REAR LEFT**

**EQUIP NUM: SS-0334**

**SERIAL NUMBER: A9Z00334**

**N030-55254-0889**

LABEL#: 202024690

SAMPLE SHIP TIME (days) : 2

LOCATION CATS LTD/

CHEMCO ELECTRICAL

CONTRACTORS LTD

RECEIVED DATE: 11-Sep-25

**CAT 289D**



**No Action Required**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

Interp By: Aron Balines  
Interpreted On: 17-Sep-25

**SAMPLE INFORMATION**

	09-Sep-25	09-Sep-25	11-Jun-25
Sampled Date	09-Sep-25	09-Sep-25	11-Jun-25
Sample Id	N030-55254-0889	N030-55254-0888	N030-55164-0717
Lab Date	11-Sep-25	11-Sep-25	13-Jun-25
Meter [Hr]	6750	6750	6655
Meter On Fluid	1000	1000	350
Fluid Brand	CAT	CAT	CAT
Fluid Weight	80W-90	80W-90	80W-90
Fluid Type	GO	GO	GO
Fluid Change	Y	Y	Y
Filter Change	N	N	N
Make Up Fluid []	4.5	4.5	4

**CONDITION / CONTAMINATION**

		09-Sep-25	09-Sep-25	11-Jun-25
<b>VISCOSITY (Centistokes)</b>				
V100	Viscosity at 100 C	13.20	13.20	13.50
<b>VISCOSITY (Centistokes)</b>				
V40	Viscosity at 40 C	85.60	86.20	95.20
<b>VISCOSITY INDEX</b>				
VI	Viscosity Index	155	154	142

**WEAR LEVELS / ADDITIVES**

		09-Sep-25	09-Sep-25	11-Jun-25
<b>ELEMENTAL ANALYSIS (ppm)</b>				
Na	Sodium	1	3	2
K	Potassium	0	3	3
Si	Silicon	6	79	26
Al	Aluminum	1	9	3
Fe	Iron	183	1205	1394
Cr	Chromium	2	13	20
Pb	Lead	0	0	0
Cu	Copper	1	4	5
Sn	Tin	0	0	0
Ni	Nickel	0	0	0
Ag	Silver	0	0	0
Ti	Titanium	0	0	1
V	Vanadium	0	0	0
Zn	Zinc	276	238	40
Ca	Calcium	604	525	14
Mg	Magnesium	16	13	43
Ba	Barium	0	0	1
B	Boron	15	12	36
Mo	Molybdenum	1	2	1
P	Phosphorus	517	518	580

**INFRARED (UFM)**

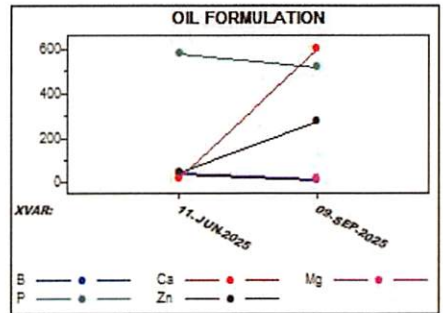
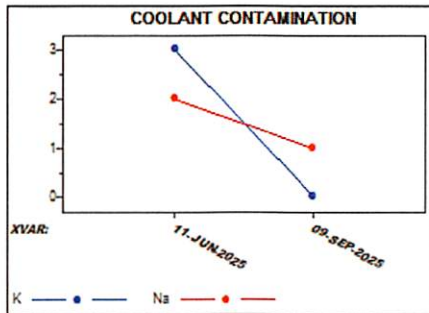
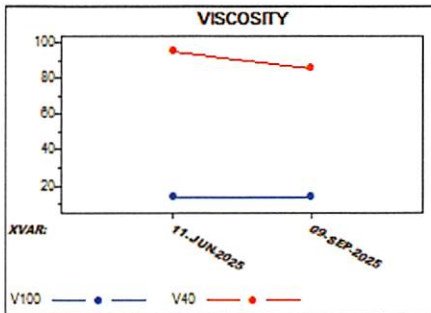
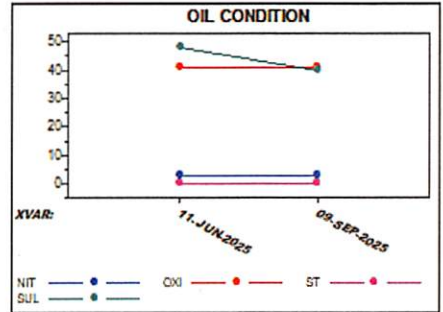
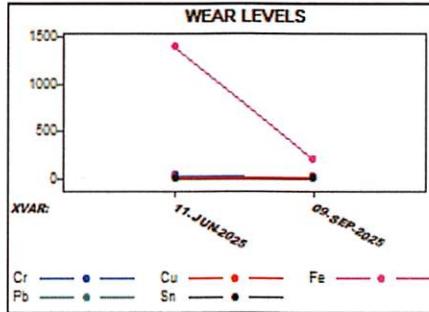
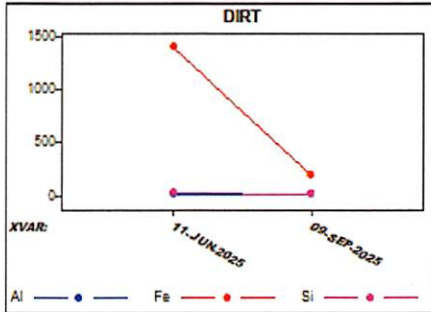
		09-Sep-25	09-Sep-25	11-Jun-25
ST	Soot	0	0	0
OXI	Oxidation	41	42	41
SUL	Sulfate By-Product	40	40	48
NIT	Nitration	3	3	3

**WATER**

		09-Sep-25	09-Sep-25	11-Jun-25
W	Water	N	N	N

**CLEANLINESS**

		09-Sep-25	09-Sep-25	11-Jun-25
<b>PARTICLE COUNT</b>				
ISO	ISO Code Rating	23/20/14	BLH	BLACK
4µ	4µ	44871		
6µ	6µ	8506		
10µ	10µ	686		
14µ	14µ	159		
18µ	18µ	59		
21µ	21µ	32		
38µ	38µ	4		
50µ	50µ	2		



### Report Comment

VisionLink® will be the new home for S-O-SSM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into [vi.cat.com](http://vi.cat.com) to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or [oilsupport@finning.com](mailto:oilsupport@finning.com).