

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Compartment : ENGINE

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
06-Jun-25	B270-55160-0265	10118	550	Y	MC	8	0	22	0	2017	1	4	30	2	457	0	35	0	840	2	48	1	6	0	0	1005	0
09-Dec-24	B270-55069-0044	9815	247	N	NAR	5	0	43	0	1958	1	1	19	1	473	0	36	0	839	9	54	0	4	0	0	1025	0
01-Oct-24	B270-54277-0043	9568	439	Y	NAR	0	0	63	0	1803	0	0	3	1	489	0	36	0	803	2	5	0	1	0	0	971	0
12-Sep-24	B270-54260-0084	9405	276	N	AR	1	0	24	0	1479	1	0	8	3	359	0	32	1	669	0	6	0	2	0	0	795	0
02-Jul-24	B270-54198-0080	9129	679	Y	MC	4	0	16	0	1621	2	4	23	13	534	1	39	0	732	1	7	0	3	0	0	918	0
22-Aug-23	B270-53261-0075	8450	485	Y	NAR	2	0	22	1	1821	0	2	16	1	585	0	39	0	788	1	6	1	1	0	0	1001	0
24-Jul-23	B270-53227-0032	8295	330	N	NAR	0	0	24	0	1927	0	0	8	0	597	0	41	0	816	0	2	0	0	0	0	1050	0
06-Jun-23	B270-53163-0007	7965	526	Y	NAR	5	0	24	0	1814	0	0	24	0	572	0	42	0	749	0	7	0	0	0	0	984	0
28-Nov-22	B270-52340-0032	7439	413	Y	NAR	1	1	23	1	1671	2	3	16	2	502	1	41	1	746	8	7	1	3	1	1	887	1
05-Aug-22	B270-52222-0007	6720	356	N	NAR	3	0	23	0	1826	1	2	21	1	541	0	44	0	780	4	8	0	2	0	0	969	0
22-Jun-22	B270-52222-0005	6364	534	Y	NAR	7	0	22	0	1825	1	3	24	1	535	0	43	0	788	4	6	0	3	0	0	978	0
23-May-22	B270-52159-0003	6110	280	N	NAR	4	0	35	0	1854	1	1	14	0	539	0	41	0	803	4	5	0	2	0	0	981	0
13-Apr-22	B270-52109-0004	5830	184	Y	NAR	6	0	39	0	1801	1	1	24	0	475	0	38	0	747	4	7	0	2	0	0	895	0
18-Oct-21	B270-51312-0074	5290	608	Y	AR	7	0	15	0	1664	2	4	28	3	490	1	37	0	732	4	10	0	4	1	0	910	0
02-Sep-21	B270-51246-0006	4926	244	N	NAR	3	0	29	0	1659	1	2	12	0	522	0	39	0	726	5	5	0	3	0	0	890	0
13-Jul-21	B270-51207-0026	4682	635	Y	NAR	8	0	20	0	1644	2	11	33	3	600	1	31	0	760	5	7	0	5	1	0	937	0
21-Jun-21	B270-51222-0034	4532	485	N	NAR	4	0	23	0	1715	0	5	20	0	679	0	25	0	826	4	4	0	3	0	0	1003	0
08-Nov-20	B270-50317-0001	4033	420	Y	NAR	0	0	17	0	1386	0	0	9	0	414	0	28	0	592	6	2	0	0	0	0	773	0
28-Oct-20	B270-50315-0019	3915	302	N	NAR	2	0	30	0	1729	1	1	13	0	542	0	42	0	750	2	4	0	3	0	0	942	0
03-Oct-20	B270-50282-0004	3612	596	Y	NAR	2	0	15	0	1893	0	2	26	1	560	0	42	0	824	4	5	0	2	0	0	1016	0
24-Aug-20	B270-50248-0001	3342	326	N	NAR	0	0	25	0	1951	0	4	15	0	554	0	42	0	823	3	3	0	1	0	0	1038	0
10-Jul-20	B270-50202-0030	3017	359	Y	NAR	3	0	24	0	1865	0	2	19	0	555	0	42	0	812	3	5	0	2	0	0	997	0
23-Jun-20	B270-50202-0008	2912	254	N	NAR	2	0	33	0	1845	0	2	14	0	571	0	40	0	852	5	3	0	0	0	0	971	0
06-May-20	B270-50142-0003	2658	619	Y	NAR	6	0	18	0	1991	1	11	43	2	599	1	41	0	858	4	10	0	4	1	0	1084	1
13-Nov-19	B270-49330-0017	2330	291	N	NAR	2	0	29	0	1944	0	8	19	1	621	0	43	0	907	2	5	0	2	0	0	1084	0
26-Aug-19	B270-49242-0015	2039	521	Y	NAR	4	0	15	0	1756	1	41	27	2	496	0	40	0	796	1	6	0	1	0	0	971	0
28-Jul-19	B270-49221-0022	1789	271	N	NAR	1	0	20	0	1738	0	31	19	1	504	0	41	0	772	4	5	0	2	1	0	973	0
02-Jul-19	B270-49189-0008	1682	164	N	NAR	1	0	39	0	2208	0	30	14	0	602	0	46	0	1023	0	5	0	1	0	0	1197	0
12-Jun-19	B270-49168-0007	1511	526	Y	MC	7	0	24	0	2397	2	228	67	2	611	1	47	0	942	1	10	0	2	0	0	1187	0
01-May-19	B270-49130-0008	1312	327	N	NAR	4	0	36	0	2176	1	23	36	0	589	1	46	0	885	2	9	0	5	1	0	1085	0
01-Nov-18	B270-48310-0162	965		Y	NAR	6	0	19	0	1836	1	47	34	1	558	1	41	0	816	2	10	0	4	1	0	1003	0
22-Sep-18	B270-48271-0130	783	291	N	NAR	4	0	21	0	1724	1	11	23	1	549	0	39	0	794	2	9	0	2	0	0	970	0
24-Jul-18	B270-48212-0051	478	472	Y	NAR	9	6	31	0	2340	2	67	73	4	682	3	49	0	1256	7	54	0	6	3	0	1456	0
15-Jun-18	B270-48170-0042	277	269	N	NAR	6	5	39	0	1805	1	26	43	2	570	3	42	0	986	3	43	0	4	1	0	1177	0

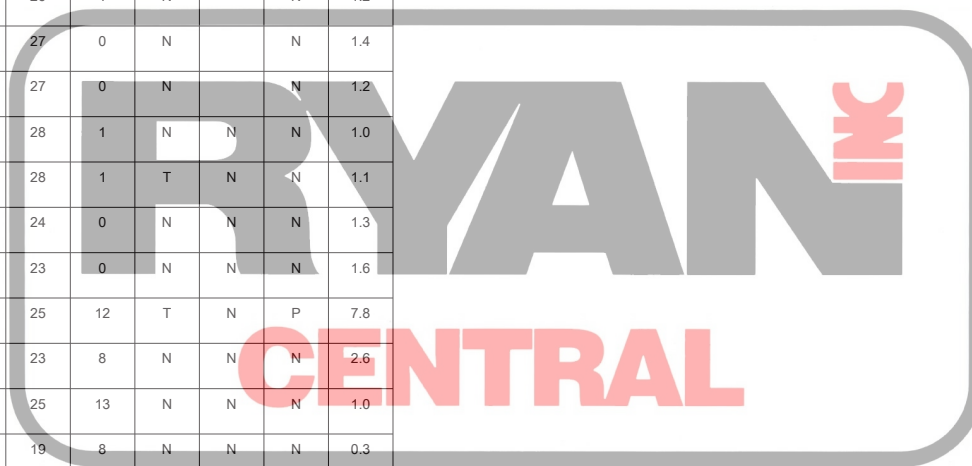
COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	F	PFC
06-Jun-25	B270-55160-0265	11.75	85	24	28	0	N		N	1.4
09-Dec-24	B270-55069-0044	11.03	31	19	23	0	N		N	1.1
01-Oct-24	B270-54277-0043	10.57	3	18	23	0	N		N	4.7
12-Sep-24	B270-54260-0084	8.901	27	18	22	0	N		P	13.1
02-Jul-24	B270-54198-0080	9.641	73	21	23	0	N		P	10.7
22-Aug-23	B270-53261-0075	12.35	76	23	27	1	N		N	1.3
24-Jul-23	B270-53227-0032	11.66	52	22	26	1	N		N	1.2
06-Jun-23	B270-53163-0007	12.31	66	22	27	0	N		N	1.4
28-Nov-22	B270-52340-0032	12.07	56	23	27	0	N		N	1.2
05-Aug-22	B270-52222-0007	11.90	62	23	28	1	N	N	N	1.0
22-Jun-22	B270-52222-0005	12.20	79	24	28	1	T	N	N	1.1
23-May-22	B270-52159-0003	11.70	35	20	24	0	N	N	N	1.3
13-Apr-22	B270-52109-0004	11.40	24	19	23	0	N	N	N	1.6
18-Oct-21	B270-51312-0074	10.3	75	24	25	12	T	N	P	7.8
02-Sep-21	B270-51246-0006	10.9	37	20	23	8	N	N	N	2.6
13-Jul-21	B270-51207-0026	11.9	88	21	25	13	N	N	N	1.0
21-Jun-21	B270-51222-0034	11.8	40	14	19	8	N	N	N	0.3
08-Nov-20	B270-50317-0001	12.1	48	21	24	9	N	N	N	0.5
28-Oct-20	B270-50315-0019	12.1	39	21	24	8	N	N	N	0.4
03-Oct-20	B270-50282-0004	12.3					N	N	N	0.5
24-Aug-20	B270-50248-0001	11.8					N	N	N	0.6
10-Jul-20	B270-50202-0030	11.5	55	21	25	9	N	N	N	0.3
23-Jun-20	B270-50202-0008	11.4	37	21	24	8	N	N	N	0.4
06-May-20	B270-50142-0003	12.0	99	23	28	12	N	N	N	0.6
13-Nov-19	B270-49330-0017	11.4	46	20	25	8	N	N	N	0.9
26-Aug-19	B270-49242-0015	11.8	78	22	25	10	N	N	N	0.5
28-Jul-19	B270-49221-0022	11.6	51	21	25	9	N	N	N	0.7



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		V100	ST	OXI	SUL	NIT	W	A	F	PFC
02-Jul-19	B270-49189-0008	11.2	22	19	23	7	N	N	N	0.6
12-Jun-19	B270-49168-0007	12.0	83	25	31	13	N	N	N	0.5
01-May-19	B270-49130-0008	11.6	50	21	23	9	N	N	N	0.5
01-Nov-18	B270-48310-0162	11.6	73	22	26	10	N	N	N	0.5
22-Sep-18	B270-48271-0130	11.6	52	21	24	8	N	N	N	0.6
24-Jul-18	B270-48212-0051	12.4	65	21	26	10	N	N	N	0.7
15-Jun-18	B270-48170-0042	11.3	35	20	24	8	N	N	N	0.8



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Compartment : FINAL DRIVE REAR LEFT

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
06-Jun-25	B270-55160-0260	10118	550	N	MC	26	0	2	0	3777	7	0	179	0	29	2	2	2	1007	11	177	0	5	0	2	1247	0
01-Oct-24	B270-54277-8026	9568	1118	Y	MC	12	0	3	0	3375	3	0	144	0	20	1	2	1	989	13	82	0	3	0	1	1201	0
16-Jul-24	B270-54201-8141	9129	679	N	NAR	4	0	3	0	3336	1	0	28	0	18	0	1	0	964	2	30	0	0	0	0	1182	0
28-Aug-23	B270-53261-8214	8450	1011	Y	MC	14	0	7	0	3610	4	0	196	0	32	2	3	1	992	7	96	0	3	0	1	1278	0
31-May-23	B270-53163-8028	7965	526	N	NAR	6	0	5	0	3504	1	0	63	0	25	0	3	0	966	4	44	0	1	0	0	1231	0
28-Nov-22	B270-52340-8203	7439	1075	Y	MC	9	0	13	0	4264	2	0	162	0	45	2	3	0	1251	8	75	0	2	0	1	1534	0
23-May-22	B270-52152-8020	6110	820	Y	AR	85	1	8	0	1675	5	1	525	0	71	5	12	2	543	33	346	0	8	0	5	700	0
13-Apr-22	B270-52109-8010	5830	540	N	AR	78	1	9	0	1686	5	1	595	0	66	5	13	0	543	31	351	0	8	0	5	699	0
18-Oct-21	B270-51312-8121	5290	408	Y	MC	21	0	5	0	2944	1	0	85	0	37	1	9	0	975	12	78	0	2	0	1	1197	0
13-Jul-21	B270-51207-8055	4682	635	N	MC	30	0	4	0	3080	3	2	206	0	23	2	3	0	1003	12	134	0	4	0	2	1243	0
08-Nov-20	B270-50317-8003	4033	1017	Y	NAR	3	0	5	0	3252	1	0	72	0	27	1	3	0	1107	4	24	0	2	0	0	1353	0
03-Oct-20	B270-50282-8021	3612	596	N	NAR	3	0	5	0	4184	1	0	54	0	28	1	3	0	1453	3	22	0	1	0	0	1699	0
10-Jul-20	B270-50202-8096	3017	978	Y	MC	17	0	19	0	3999	4	0	219	0	50	3	6	0	1314	9	92	0	3	0	1	1640	0
06-May-20	B270-50142-8006	2658	619	N	MC	9	0	15	0	3208	3	0	114	0	36	2	5	0	1054	6	49	0	3	0	1	1276	0
26-Aug-19	B270-49242-8028	2039	1054	Y	NAR	1	1	19	0	2775	2	1	78	1	19	1	1	0	897	3	17	0	6	0	0	1080	0
12-Jun-19	B270-49168-8090	1511	526	N	NAR	2	1	19	0	2699	2	0	61	1	17	1	0	0	912	3	13	0	1	0	0	1073	0
01-Nov-18	B270-48310-0171	965		Y	NAR	1	5	72	0	315	3	0	122	3	5	3	1	0	276	5	10	0	6	0	0	69	0
24-Jul-18	B270-48211-0151	478	472	N	NAR	0	5	81	0	361	2	0	77	2	2	1	0	0	318	5	5	0	5	0	0	74	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
06-Jun-25	B270-55160-0260	17.53	0	7	15	0	N		NVP								
01-Oct-24	B270-54277-8026	16.68	0	6	17	0	N	25/23/12	NVP	185425	63372	1333	37	11	5	5	5
16-Jul-24	B270-54201-8141	16.73	0	6	15	0	N	21/16/10	NVP	18846	337	11	5	5	5	0	0
28-Aug-23	B270-53261-8214	16.61	0	7	18	0	N	24/22/12	NVP	156361	39525	232	21	21	21	16	16
31-May-23	B270-53163-8028	17.08	0	6	17	0	N	24/23/15	NVP	147075	43367	3020	248	47	16	5	5
28-Nov-22	B270-52340-8203	16.15	0	6	18	0	N	24/22/10	NVP	155808	21301	95	5	5	0	0	0
23-May-22	B270-52152-8020	10.20	0	12	23	0	N	24/24/16	NVP	157341	90602	12906	638	42	11	0	0
13-Apr-22	B270-52109-8010	10.40	1	12	24	0	N	24/24/22	NVP	157937	131676	73996	26766	6192	1328	0	0
18-Oct-21	B270-51312-8121	15.7	0	4	18	4	N	24/22/14	NVP	120978	27620	991	121	79	58	26	0
13-Jul-21	B270-51207-8055	17.6	0	3	18	5	N	25/23/15	NVP	190547	64025	2345	163	95	95	79	74

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RYAN INCORPORATED CENTRAL

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Unit # 16-11761

	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
08-Nov-20 B270-50317-8003	18.2	0	3	18	5	N	24/20/ 15	NVP	118001	5433	379	163	142	137	90	79
03-Oct-20 B270-50282-8021	17.5					N	24/19/ 13	NVP	102391	2941	126	53	42	37	26	11
10-Jul-20 B270-50202-8096	17.0	0	4	17	5	N	25/23/ 16	NVP	161225	72874	5876	379	184	169	142	105
06-May-20 B270-50142-8006	16.8	0	4	18	5	N	25/23/ 18	NVP	174764	57601	6761	1307	401	206	21	16
26-Aug-19 B270-49242-8028	17.1	0	4	16	5	N	24/22/ 16		98521	35335	2346	333	75	33	1	0
12-Jun-19 B270-49168-8090	17.3	0	4	18	5	N	24/22/ 16		102176	39399	3064	479	122	56	4	1
01-Nov-18 B270-48310-0171	22.7	0	10	18	5	N	24/23/ 19		82411	55733	15126	3029	625	230	11	4
24-Jul-18 B270-48211-0151	23.1	0	9	16	4	N	23/23/ 18		79064	48269	11429	2261	671	324	30	11



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Compartment : FINAL DRIVE REAR RIGHT

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06-Jun-25	B270-55160-0266	10118	550	N	MC	15	0	1	0	3443	4	2	217	0	20	0	3	0	970	5	59	1	6	0	0	1147	0
01-Oct-24	B270-54277-8028	9568	1118	Y	MC	12	0	3	0	3320	3	1	147	0	20	1	2	1	963	13	81	0	3	0	1	1184	0
16-Jul-24	B270-54201-8140	9129	679	N	MC	15	0	3	0	3304	3	1	52	1	22	1	4	0	971	7	67	0	3	0	1	1194	0
22-Aug-23	B270-53261-8177	8450	1011	Y	NAR	1	0	3	0	3480	1	0	63	0	26	1	3	0	1045	11	10	0	2	0	0	1385	0
31-May-23	B270-53163-8035	7965	526	N	MC	4	0	6	0	3518	2	0	134	0	24	2	3	0	948	4	35	0	1	0	0	1234	0
28-Nov-22	B270-52340-8202	7439	1075	Y	NAR	2	0	12	0	3604	3	0	72	0	39	1	4	0	1069	5	42	0	2	0	1	1318	0
23-May-22	B270-52159-8002	6110	820	Y	MC	17	0	8	0	1601	3	0	127	0	52	1	13	0	532	11	77	0	3	0	1	678	0
13-Apr-22	B270-52109-8012	5830	540	N	MC	7	0	8	0	1660	1	0	64	0	50	1	12	0	545	8	44	0	1	0	1	705	0
18-Oct-21	B270-51312-8111	5290	408	Y	NAR	0	0	6	0	2924	1	0	23	0	37	0	9	0	968	4	13	0	2	0	0	1195	0
13-Jul-21	B270-51207-8054	4682	635	N	MC	9	0	4	0	3205	2	1	46	0	23	1	5	1	1037	7	40	0	7	0	1	1291	0
08-Nov-20	B270-50317-8004	4033	1017	Y	NAR	1	0	4	0	3273	1	0	40	0	24	0	5	0	1122	4	9	0	6	0	0	1359	0
03-Oct-20	B270-50282-8020	3612	596	N	NAR	1	0	4	0	4174	0	0	22	0	27	0	5	0	1451	3	9	0	6	0	0	1699	0
10-Jul-20	B270-50202-8098	3017	978	Y	NAR	1	0	8	0	2650	0	0	16	0	22	0	5	0	874	3	6	0	9	0	0	1103	0
06-May-20	B270-50142-8007	2658	619	N	NAR	3	0	15	0	3248	1	0	68	0	37	1	4	0	1057	5	23	0	2	0	0	1292	0
26-Aug-19	B270-49242-8020	2039	1054	Y	MC	10	1	17	0	2751	2	1	115	1	23	2	0	1	881	8	55	0	5	0	0	1063	0
12-Jun-19	B270-49168-8083	1511	526	N	MC	11	1	16	0	2578	2	0	133	0	21	2	1	0	852	7	59	0	1	0	1	1004	0
01-Nov-18	B270-48310-0160	965		Y	NAR	4	6	82	0	421	5	1	154	3	6	4	1	0	330	12	39	0	9	0	0	100	0
24-Jul-18	B270-48211-0153	478	472	N	NAR	0	6	100	0	481	3	0	101	2	3	2	0	0	424	12	18	0	8	0	0	92	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
06-Jun-25	B270-55160-0266	17.90	0	6	14	0	N		NVP								
01-Oct-24	B270-54277-8028	16.61	0	6	17	0	N	25/23/13	NVP	186179	63814	1397	79	5	5	5	5
16-Jul-24	B270-54201-8140	16.85	0	5	16	0	N	21/15/11	NVP	17423	232	32	11	11	11	11	5
22-Aug-23	B270-53261-8177	16.45	0	3	18	0	N	24/21/14	NVP	121105	17544	964	137	32	11	0	0
31-May-23	B270-53163-8035	17.06	0	6	17	0	N	24/23/20	METAL C3	148519	69949	18245	5386	2187	970	105	32
28-Nov-22	B270-52340-8202	16.06	0	6	16	0	N	24/21/14	NVP	123513	10998	711	126	32	11	5	5
23-May-22	B270-52159-8002	10.28	0	13	22	0	N	25/22/12	NVP	165272	36885	453	26	5	5	5	0
13-Apr-22	B270-52109-8012	10.30	0	13	23	0	N	24/22/12	NVP	137415	28463	843	37	5	0	0	0
18-Oct-21	B270-51312-8111	15.2	0	4	18	4	N	22/17/13	NVP	31093	1112	116	47	42	42	42	32
13-Jul-21	B270-51207-8054	17.3	0	3	17	5	N	24/21/15	NVP	130591	17939	906	179	126	111	105	95

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

		V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
08-Nov-20	B270-50317-8004	18.1	0	3	18	5	N	24/20/ 15	NVP	91092	5423	369	169	137	132	121	74
03-Oct-20	B270-50282-8020	17.6					N	23/19/ 15	NVP	68615	4469	511	232	163	126	74	63
10-Jul-20	B270-50202-8098	17.6	0	3	18	5	N	24/21/ 15	NVP	99065	10118	538	174	126	116	111	105
06-May-20	B270-50142-8007	16.8	0	4	18	5	N	24/20/ 14	NVP	115213	6503	448	95	37	37	16	16
26-Aug-19	B270-49242-8020	17.1	0	4	16	5	N	23/19/ 13		43055	4540	286	72	23	13	1	0
12-Jun-19	B270-49168-8083	17.2	0	4	17	5	N	24/24/ 18		123742	80181	18892	1861	161	57	3	1
01-Nov-18	B270-48310-0160	22.1	0	9	18	5	N	24/23/ 20		84385	60840	21530	5825	1244	410	13	3
24-Jul-18	B270-48211-0153	22.9	0	9	16	4	N	23/23/ 19		78154	50836	15185	3613	1075	506	45	16



COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Compartment : HYDRAULIC SYSTEM

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
07-May-25	B270-55160-8022	10118	2442	N	NAR	4	0	95	0	3316	1	4	7	1	41	0	4	0	1128	4	17	0	3	0	0	1405	0
01-Oct-24	B270-54277-8027	9568	1892	N	NAR	6	0	97	0	3309	1	6	8	1	28	0	3	0	1123	9	19	0	4	0	0	1394	0
16-Jul-24	B270-54201-8142	9129	1453	N	NAR	4	0	100	0	3192	1	5	7	1	27	0	3	0	1064	2	17	0	3	0	0	1336	0
28-Aug-23	B270-53261-8215	8450	774	N	MC	3	0	99	0	3586	0	4	6	0	30	0	3	0	1113	2	14	0	3	0	0	1477	0
13-Jun-23	B270-53167-8053	7965	289	N	NAR	3	0	80	0	2570	0	2	3	0	22	0	2	0	874	4	11	0	1	0	0	1132	0
28-Nov-22	B270-52340-8205	7439	7439	N	NAR	1	0	91	0	3292	1	6	9	0	26	0	1	0	1107	4	18	0	2	0	0	1419	0
22-Jun-22	B270-52222-8012	6364	6364	N	NAR	8	0	78	0	2844	1	13	16	1	40	0	3	0	1025	4	25	0	7	0	0	1338	0
13-Apr-22	B270-52109-8013	5830	5830	N	NAR	4	0	71	0	2533	1	12	14	2	36	0	3	0	927	7	21	0	5	0	0	1201	0
18-Oct-21	B270-51312-8120	5290	5290	N	NAR	7	0	66	0	2709	1	13	14	2	27	0	1	0	1034	7	22	0	5	0	0	1296	0
13-Jul-21	B270-51207-8049	4682	4682	N	NAR	8	0	65	0	2376	1	14	13	2	26	0	2	1	887	5	19	0	6	0	0	1166	0
08-Nov-20	B270-50317-8001	4033	4033	N	MC	6	0	63	0	2489	1	14	14	2	28	0	2	0	997	5	19	1	5	0	0	1294	0
03-Oct-20	B270-50282-8015	3612	3612	N	MC	7	0	96	0	4733	1	19	17	3	47	0	2	0	1920	5	22	0	8	0	0	2318	0
10-Jul-20	B270-50202-8097	3017	3017	N	NAR	4	0	60	0	2461	0	12	11	2	26	0	2	0	970	4	13	0	5	0	0	1277	0
06-May-20	B270-50142-8009	2658	2658	N	NAR	3	0	59	0	2317	0	10	12	1	23	0	2	0	909	4	13	0	5	0	0	1171	0
26-Aug-19	B270-49242-8036	2039	2039	N	NAR	1	0	66	0	2586	0	9	9	1	25	0	1	0	956	1	11	0	8	0	0	1227	0
12-Jun-19	B270-49168-8050	1511	1511	N	NAR	3	0	45	0	1861	0	15	19	2	15	0	0	0	1058	0	10	0	2	0	0	1350	0
01-Nov-18	B270-48310-0157	965		N	NAR	2	0	7	0	439	0	16	15	3	6	0	0	0	731	2	8	0	2	0	0	976	0
24-Jul-18	B270-48212-0040	478	472	N	NAR	0	0	7	0	505	0	10	9	2	5	0	0	0	847	2	5	0	1	0	0	1058	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
07-May-25	B270-55160-8022	7.52	0	7	15	0	N		18/16/13	NVP	2097	390	116	53	26	21	5	0
01-Oct-24	B270-54277-8027	7.247	0	9	19	0	N		18/15/11	NVP	2134	279	21	11	5	5	5	5
16-Jul-24	B270-54201-8142	7.534	0	9	18	0	N		14/12/11	NVP	137	26	16	11	11	5	5	5
28-Aug-23	B270-53261-8215	7.449	0	9	18	0	N		18/15/12	DEBRI S B1	2103	163	26	21	21	21	11	11
13-Jun-23	B270-53167-8053	8.008	0	8	20	0	N			NVP								
28-Nov-22	B270-52340-8205	7.681	0	9	19	0	N		18/14/12	NVP	1787	84	42	21	16	16	0	0
22-Jun-22	B270-52222-8012	7.300	0	8	16	0	N	N	17/15/13	NVP	922	258	105	53	42	26	5	0
13-Apr-22	B270-52109-8013	7.600	0	7	19	0	N	N	18/14/10	NVP	1444	158	32	5	5	5	5	5
18-Oct-21	B270-51312-8120	7.4	0	8	17	4	N	N	17/15/14	NVP	1059	232	95	84	79	69	58	42
13-Jul-21	B270-51207-8049	7.2	0	8	17	4	N	N	20/17/13	NVP	6277	985	153	42	32	32	21	16

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

	V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
08-Nov-20 B270-50317-8001	7.5	0	8	16	3	N	N	17/14/ 12	NVP	775	148	53	37	32	32	32	26
03-Oct-20 B270-50282-8015	7.3					N	N	17/15/ 14	NVP	1233	248	132	105	95	84	74	63
10-Jul-20 B270-50202-8097	7.4	0	8	17	3	N	N	17/15/ 14	DEBRI S B1	1170	300	121	84	79	79	58	37
06-May-20 B270-50142-8009	7.1	0	7	16	3	N	N	19/16/ 13	NVP	2751	401	121	69	63	63	58	47
26-Aug-19 B270-49242-8036	7.4	0	7	15	3	N	N	23/18/9		53390	2152	37	5	1	1	0	0
12-Jun-19 B270-49168-8050	7.0	0	6	15	3	N	N	21/18/ 14		11343	1904	429	157	61	33	2	0
01-Nov-18 B270-48310-0157	6.6	0	5	15	3	N	N	20/17/ 12		8869	810	116	36	12	6	0	0
24-Jul-18 B270-48212-0040	6.7	0	5	13	2	N	N	22/19/ 14		21107	4714	508	151	62	35	4	1



COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Compartment : RADIATOR

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Cu	Fe	Pb	Sn	Al	Zn	NO2	Na	K	Mo	MoO4	BO3	SiO3
07-May-25	B270-55160-1008	10118	10118	N	NAR	0	0	0	1	0	0	0	3400	3104	219	365	0	10
01-Oct-24	B270-54277-1006	9568	9568	N	NAR	0	0	0	1	1	0	4	3634	3339	230	383	12	19
12-Jul-24	B270-54198-1017	9129	9129	N	NAR	0	0	0	1	0	0	1	3679	3574	235	391	4	18
28-Aug-23	B270-53261-1013	8450	8450	N	MC	0	0	0	0	0	0	7	4409	4227	281	469	2	11
12-Jun-23	B270-53163-1001	7965	7965	N	MC	0	0	0	0	0	0	201	4330	3995	275	458	0	5
28-Nov-22	B270-52340-1012	7439	7439	N	MC	2	0	0	0	0	1	0	4227	3057	373	622	14	27
18-Oct-21	B270-51312-1016	5290	5290	N	MC	2	0	0	0	0	1	0	3854	2367	383	638	2	38
13-Jul-21	B270-51207-1007	4682	4682	N	NAR	2	0	0	0	0	0	4	3760	2100	458	763	3	39
08-Nov-20	B270-50317-1001	4033	4033	N	NAR	3	0	0	0	0	1	0	3845	1910	465	775	1	40
03-Oct-20	B270-50282-1003	3612	3612	N	NAR	4	0	0	0	0	1	0	5731	2837	718	1196	9	55
10-Jul-20	B270-50202-1019	3017	3017	N	NAR	3	0	0	0	0	0	5	4068	2071	535	892	0	50
06-May-20	B270-50142-1001	2658	2658	N	NAR	0	0	0	0	0	0	581	3733	12	581	969	13	27
05-May-20	B270-50142-1002	2658	2658	N	MC	2	0	0	0	1	0	18	3701	1849	443	739	6	65
26-Aug-19	B270-49242-1001	2039	2039	N	NAR	3	0	0	0	0	0	116	4032	1097	589	982	23	53
10-Jun-19	B270-49168-1010	1485	1485	N	NAR	3	0	0	0	1	0	152	3959	1063	597	995	3	58
01-Nov-18	B270-48310-1003	965		N	NAR	3	0	0	0	0	0	301	3968	721	637	1063	0	46
23-Jul-18	B270-48211-1006	472	472	N	NAR	2	4	0	0	1	1	434	4142	379	646	1076	1	20

Sampled Date	Sample ID	GL	FP	BP	pH	CON	PO4	TH
07-May-25	B270-55160-1008	57	-48	109	7.4	4391	2	36
01-Oct-24	B270-54277-1006	57	-48	109	7.3	5538	5	43
12-Jul-24	B270-54198-1017	57	-48	109	7.5	5413	8	44
28-Aug-23	B270-53261-1013	56	-47	108	8.0	2732	13	61
12-Jun-23	B270-53163-1001	55	-45	108	9.4	3750	12	76
28-Nov-22	B270-52340-1012	57	-48	109	7.0	4738	46	37
18-Oct-21	B270-51312-1016	55	-45	108	7.1	4591	65	12
13-Jul-21	B270-51207-1007	55	-45	108	7.1	4226	76	11
08-Nov-20	B270-50317-1001	54	-43	108	7.2	4325	110	6
03-Oct-20	B270-50282-1003	53	-42	108	7.2	4123	183	8

CENTRAL

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

		GL	FP	BP	pH	CON	PO4	TH
10-Jul-20	B270-50202-1019	54	-43	108	7.5	4605	159	6
06-May-20	B270-50142-1001	51	-38	107	7.6	3529	14	5
05-May-20	B270-50142-1002	53	-42	108	7.4	4484	157	2
26-Aug-19	B270-49242-1001	52	-41	108	7.3	3800	293	1
10-Jun-19	B270-49168-1010	51	-38	107	7.5	3838	342	0
01-Nov-18	B270-48310-1003	51	-38	107	7.3	3691	465	0
23-Jul-18	B270-48211-1006	51	-38	107	7.8	3696	365	2

Sampled Date	Sample ID	Color	Appearance	ODOR	Foam	Precipitate Amount	Precipitate Appearance	Precipitate Properties
07-May-25	B270-55160-1008	yellow	clear		norm	none		
01-Oct-24	B270-54277-1006	orange	clear		norm	none		
12-Jul-24	B270-54198-1017	orange	clear		norm	none		
28-Aug-23	B270-53261-1013	orange	clear	norm	norm	none		
12-Jun-23	B270-53163-1001	yellow	clear	norm	norm	none		
28-Nov-22	B270-52340-1012	orange	clear	norm	norm	none		
18-Oct-21	B270-51312-1016	orange	clear	norm	norm	none		
13-Jul-21	B270-51207-1007	orange	clear	norm	norm	none		
08-Nov-20	B270-50317-1001	red	clear	norm	norm	none		
03-Oct-20	B270-50282-1003	orange	clear	norm	norm	none		
10-Jul-20	B270-50202-1019	orange	clear	norm	norm	none		
06-May-20	B270-50142-1001	red	clear	norm	norm	none		
05-May-20	B270-50142-1002	orange	clear	norm	norm	trace	residue	mag
26-Aug-19	B270-49242-1001	red	clear	norm	norm	none		
10-Jun-19	B270-49168-1010	red	clear	norm	norm	none		
01-Nov-18	B270-48310-1003	red	clear	norm	norm	none		
23-Jul-18	B270-48211-1006	red	clear	norm	norm	none		

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Compartment : TRANSMISSION POWER SHIFT

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
07-May-25	B270-55160-8025	10118	550	N	NAR	1	0	9	0	3641	0	3	12	1	30	0	2	0	1017	3	6	0	2	0	0	1245	0
06-Mar-25	B270-55069-8012	9815	247	N	NAR	1	0	9	0	3596	0	2	11	0	31	0	2	0	1022	2	6	0	2	0	0	1235	0
01-Oct-24	B270-54277-8025	9568	1118	Y	NAR	2	0	16	0	3395	0	4	14	1	31	0	2	0	1048	7	7	0	2	0	0	1248	0
12-Jul-24	B270-54198-8041	9129	679	N	NAR	1	0	17	0	3545	0	3	12	0	31	0	2	0	1082	3	7	0	1	0	0	1325	0
05-Sep-23	B270-53261-8213	8450	1011	Y	NAR	0	0	14	0	2632	0	1	4	0	24	0	2	0	735	1	8	0	0	0	0	964	0
01-Sep-23	B270-54260-8062	9405	955	N	NAR	1	0	17	0	3183	0	4	14	1	28	0	2	0	959	1	7	0	1	0	0	1151	0
24-Jul-23	B270-53227-8065	8295	856	N	NAR	2	0	39	0	3640	0	3	7	0	38	0	2	0	1106	4	8	0	2	0	0	1440	0
05-Jun-23	B270-53163-8038	7965	526	N	NAR	1	0	36	0	3308	0	1	1	0	35	0	2	0	983	2	5	0	1	0	0	1292	0
28-Nov-22	B270-52340-8204	7439	1075	Y	NAR	0	0	11	0	3310	0	3	18	0	56	0	4	0	1040	3	8	0	1	0	0	1287	0
05-Aug-22	B270-52222-8018	6720	356	N	NAR	0	0	11	0	3247	0	2	8	0	55	0	3	0	1039	2	4	0	3	0	0	1323	0
22-Jun-22	B270-52222-8015	6364	1074	Y	NAR	0	0	4	0	3289	0	3	12	0	26	0	1	0	1064	3	4	0	3	0	0	1357	0
23-May-22	B270-52159-8019	6110	820	N	NAR	0	0	3	0	2754	0	3	10	0	22	0	1	0	938	4	4	0	2	0	0	1151	0
13-Apr-22	B270-52109-8011	5830	540	N	NAR	0	0	4	0	2942	0	2	11	1	25	0	2	0	964	5	4	0	1	0	0	1229	0
27-Jan-22	B270-52034-8016	5641	351	N	NAR	0	0	3	0	3165	0	2	11	0	26	0	0	0	993	4	4	0	2	1	0	1310	0
18-Oct-21	B270-51312-8112	5290	1243	Y	NAR	0	0	5	0	3076	0	4	13	0	34	0	2	0	1068	4	4	0	2	0	0	1284	0
02-Sep-21	B270-51246-8001	4926	879	N	NAR	1	0	6	0	2979	0	3	11	0	35	0	2	0	1032	2	4	0	3	0	0	1250	0
13-Jul-21	B270-51207-8056	4682	635	N	NAR	2	0	6	0	2971	0	4	11	0	37	0	3	1	959	4	4	0	2	0	0	1214	0
21-Jun-21	B270-51222-8075	4532	485	N	NAR	0	0	5	0	2936	0	2	8	0	37	0	2	0	1029	4	3	0	1	0	0	1230	0
08-Nov-20	B270-50317-8002	4033	1017	Y	NAR	0	0	7	0	3098	0	4	16	1	37	0	2	0	1061	3	3	0	2	0	0	1318	0
28-Oct-20	B270-50315-8026	3915	899	N	NAR	0	0	3	0	3095	0	0	8	0	34	0	0	0	1054	0	0	0	0	0	0	1310	0
03-Oct-20	B270-50282-8014	3612	596	N	NAR	1	0	7	0	4026	0	3	10	0	43	0	3	0	1400	3	4	0	2	0	0	1675	0
24-Aug-20	B270-50248-8045	3342	326	N	NAR	1	0	8	0	3326	0	3	10	0	44	0	3	0	1137	6	4	0	2	0	0	1393	0
10-Jul-20	B270-50202-8099	3017	978	Y	NAR	1	0	8	0	2918	0	4	14	0	53	0	4	0	985	3	4	0	2	0	0	1244	0
23-Jun-20	B270-50202-8076	2912	873	N	NAR	1	0	8	0	3094	0	4	17	1	57	0	4	0	1044	3	4	0	2	0	0	1315	0
06-May-20	B270-50142-8008	2658	619	N	NAR	1	0	8	0	3055	0	3	15	0	52	0	4	0	1025	4	5	0	3	0	0	1240	0
13-Nov-19	B270-49330-8116	2330	291	N	NAR	0	0	8	0	3722	0	3	14	2	52	0	4	0	1309	3	5	0	3	1	0	1575	0
26-Aug-19	B270-49242-8026	2039	1054	Y	NAR	0	0	6	0	3125	0	5	16	1	23	0	1	0	1005	3	5	0	7	0	0	1260	0
28-Jul-19	B270-49221-8097	1789	804	N	NAR	0	0	7	0	3027	0	4	11	0	22	0	1	0	1028	0	6	0	0	0	0	1300	0
12-Jun-19	B270-49168-8059	1511	526	N	NAR	1	0	6	0	3108	0	5	10	0	23	0	1	0	1062	0	5	0	2	0	0	1277	0
01-May-19	B270-49130-8018	1312	327	N	NAR	0	0	7	0	3631	0	2	15	0	30	0	2	0	1169	4	6	0	5	0	0	1478	0
01-Nov-18	B270-48310-0169	965		Y	NAR	0	1	1	0	3151	0	6	17	1	12	1	0	0	1106	6	10	0	4	0	0	1325	0
22-Sep-18	B270-48271-0119	783	769	N	NAR	1	1	1	0	2897	0	6	14	0	12	0	0	0	1051	6	10	0	3	0	0	1278	0
24-Jul-18	B270-48211-0143	478	472	N	NAR	0	0	1	0	3275	0	4	12	0	18	0	0	0	1159	6	9	0	3	0	0	1371	0
15-Jun-18	B270-48177-0192	277	269	N	NAR	1	1	1	0	2933	0	2	9	1	17	0	0	0	1026	9	9	0	3	0	0	1272	0

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
07-May-25	B270-55160-8025	10.74	0	6	16	0	N		18/14/10	NVP	1528	121	16	5	0	0	0	0
06-Mar-25	B270-55069-8012	10.65	0	6	16	0	N		18/14/11	NVP	2335	100	32	11	5	5	0	0
01-Oct-24	B270-54277-8025	10.31	0	6	17	0	N		18/15/11	NVP	2261	269	37	11	0	0	0	0
12-Jul-24	B270-54198-8041	10.78	0	7	16	0	N		18/14/11	NVP	2219	148	16	11	11	11	11	11
05-Sep-23	B270-53261-8213	10.31	0	6	17	0	N		17/14/12	NVP	980	90	21	21	16	16	0	0
01-Sep-23	B270-54260-8062	10.53	0	6	17	0	N		18/16/15	NVP	2224	343	264	242	184	126	0	0
24-Jul-23	B270-53227-8065	9.572	0	6	15	0	N		20/17/11	NVP	9354	1049	47	11	11	5	0	0
05-Jun-23	B270-53163-8038	9.791	0	7	18	0	N		19/16/12	NVP	2888	343	47	26	16	11	11	11
28-Nov-22	B270-52340-8204	10.88	0	6	17	0	N		23/18/11	NVP	48684	1534	32	16	16	16	5	5
05-Aug-22	B270-52222-8018	10.70	0	5	17	0	N	N	18/16/13	NVP	2292	606	163	58	32	21	5	0
22-Jun-22	B270-52222-8015	10.70	0	4	18	0	N	N	19/16/13	NVP	3758	358	105	47	32	26	11	5
23-May-22	B270-52159-8019	10.98	0	4	17	0	N	N	17/13/10	NVP	1223	53	11	5	5	5	0	0
13-Apr-22	B270-52109-8011	10.90	0	4	19	0	N	N	20/16/11	NVP	6482	622	42	16	11	0	0	0
27-Jan-22	B270-52034-8016	11.00	0	3	19	0	N	N	21/17/15	NVP	13602	659	269	242	232	232	206	190
18-Oct-21	B270-51312-8112	10.6	0	4	18	5	N	N	19/16/13	NVP	3673	343	84	69	58	58	42	42
02-Sep-21	B270-51246-8001	10.7	0	4	18	5	N	N	19/17/15	NVP	3199	822	295	163	116	116	84	74
13-Jul-21	B270-51207-8056	10.6	0	4	18	5	N	N	20/17/15	NVP	8021	1138	253	169	142	137	126	111
21-Jun-21	B270-51222-8075	10.6	0	4	17	5	N	N	18/16/15	NVP	1655	432	279	264	237	237	237	227
08-Nov-20	B270-50317-8002	11.2	0	4	19	5	N	N	21/16/13	NVP	14998	369	84	63	47	47	47	37
28-Oct-20	B270-50315-8026	10.7	0	4	18	5	N	N	17/14/13	NVP	1144	137	84	74	69	58	53	42
03-Oct-20	B270-50282-8014	10.7					N	N	18/15/13	NVP	1945	190	90	63	63	58	21	21
24-Aug-20	B270-50248-8045	10.8					N	N	19/16/14	NVP	4321	543	142	105	79	69	26	5
10-Jul-20	B270-50202-8099	10.8	0	5	19	5	N	N	19/15/14	NVP	3805	306	153	137	121	116	105	95
23-Jun-20	B270-50202-8076	10.7	0	5	18	5	N	N	21/16/14	NVP	10008	348	169	158	158	142	105	79
06-May-20	B270-50142-8008	10.6	0	5	18	5	N	N	20/15/13		7858	227	58	47	32	32	21	11
13-Nov-19	B270-49330-8116	10.9	0	4	19	5	N	N	23/20/13		73877	9924	336	71	21	10	1	0
26-Aug-19	B270-49242-8026	10.7	0	4	17	5	N	N	24/22/14		82318	20116	719	93	25	13	2	0

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # JML00466

Unit # 16-11761

		V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
28-Jul-19	B270-49221-8097	10.8	0	4	19	5	N	N	22/19/ 15		20317	3672	643	192	54	22	1	0
12-Jun-19	B270-49168-8059	10.7	0	4	18	5	N	N	23/20/ 16		44325	8156	1631	630	274	167	22	5
01-May-19	B270-49130-8018	10.7	0	4	18	5	N	N	23/19/ 12		61021	3370	116	32	13	8	1	0
01-Nov-18	B270-48310-0169	10.9	0	4	20	5	N	N	22/17/ 13		20687	773	142	52	23	13	1	0
22-Sep-18	B270-48271-0119	10.7	0	4	18	5	N	N	22/18/ 15		20872	1498	369	174	90	53	5	1
24-Jul-18	B270-48211-0143	10.9	0	4	18	5	N	N	22/18/ 15		30771	2397	417	165	79	48	4	1
15-Jun-18	B270-48177-0192	10.9	0	3	18	5	N	N	22/18/ 13		30687	2043	179	58	23	13	1	0

