

This document contains two used oil analysis reports from a 2014 International with a Cummins ISX 15 with approximately 323K miles. Prior to using Xp3, the main bearing was replaced, which explains the elevated wear metals still present in the analysis reports. The used oil analysis report shown on this page was taken from oil prior to using Xp3 and the soot reading was documented as "fairly high" at 0.7%.

CODE: 141/714 MAKE/MODEL: Cummins ISX 15 FUEL TYPE: Diesel OIL REPORT DATE: 5/23/2016 CLIENT ID: 95821 CODE: 141/714 PAYMENT: Sub Account/Cred OIL TYPE & GRADE: Synthetic 10W/30 OIL USE INTERVAL: 29,445 Miles									
ADDITIONAL INFO:	2014 Internation	onal, Prostar Eagle	PHONE: FAX: ALT PHONE: EMAIL:						
Cummins. Lead she typical wear from the wouldn't explain all also read high. Soo pressure and check	ows bearing we is type of Cumn of this excess n ot was fairly high	ar at it's obvious nins after ~13,700 netal. Chrome (ri n as well at 0.7%	ole, enough to suspect a y excessive at 252 ppm. O miles on the oil. This o ngs), iron (steel parts) an Silicon was excessive, s	Universal ave I was run long d copper (bras	rages show er, but that ss/bronze we	ar)			
MI/HR on Oil									
MI/HR on Oil MI/HR on Unit	323,835	UNIT /				UNIVERSAL			
	323,835	LOCATION				UNIVERSAL			
MI/HR on Unit	THE RESERVOIS CO.								
MI/HR on Unit Sample Date Make Up Oil Added	323,835 4/28/2016	LOCATION							
MI/HR on Unit Sample Date Make Up Oil Added	323,835 4/28/2016	LOCATION AVERAGES							
MI/HR on Unit Sample Date Make Up Oil Added	323,835 4/28/2016 2 gal	LOCATION AVERAGES				AVERAGES			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON	323,835 4/28/2016 2 gal 4 5	LOCATION AVERAGES 4 5 77				AVERAGES 4 1			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER	323,835 4/28/2016 2 gal 4 5 77	LOCATION AVERAGES 4 5 77 13				4 1 15 2			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD	323,835 4/28/2016 2 gal 4 5 77 13	4 5 77 13 252				AVERAGES 4 1 15			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN	323,835 4/28/2016 2 gal 4 5 77 13 252	4 5 77 13 252 3				4 1 1 1 1 1 2 2 2 1 1			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN	323,835 4/28/2016 2 gal 4 5 77 13 252 3	4 5 77 13 252 3 12				41 115 2 2 1			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12	4 5 77 13 252 3 12				AVERAGES 4 1 15 2 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12	4 5 77 13 252 3 12 1				41 15 2 2 1 41 0			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1	4 5 77 13 252 3 12 1 2				41 15 2 2 1 41 0 0			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8				41 15 2 2 1 41 0 0			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6				AVERAGES 4 1 15 2 2 1 41 41 0 0 0 4 13			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2 0 8	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5				AVERAGES 4 1 15 2 2 1 41 41 0 0 0 4 13			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON SILICON	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2 0 8 6 5	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5 22				AVERAGES 4 11 115 22 21 11 41 00 00 44 133 78			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON SILICON SODIUM	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2 0 8 6 5 22	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11				AVERAGES 4 11 15 2 2 2 11 41 00 00 4 13 78			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON SILICON SODIUM CALCIUM	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317				AVERAGES 4 11 15 2 2 2 11 41 00 00 4 13 78 7 6 1826			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON SILICON SODIUM CALCIUM MAGNESIUM	323,835 4/28/2016 2 gai 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317 275	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317 275				AVERAGES 4 11 15 2 2 2 11 41 00 00 4 13 78 7 6 1826 497			
MI/HR on Unit Sample Date Make Up Oil Added ALUMINUM CHROMIUM IRON COPPER LEAD TIN MOLYBDENUM NICKEL MANGANESE SILVER TITANIUM POTASSIUM BORON SILICON SODIUM CALCIUM	323,835 4/28/2016 2 gal 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317	LOCATION AVERAGES 4 5 77 13 252 3 12 1 2 0 8 6 5 22 11 3317				AVERAGES 4 11 15 2 2 2 11 41 00 00 4 13 78 7 6 1826			

Any product testimonials included in GDI materials are not necessarily representative of those who will use Xp3 products. These claims have not been scientifically proven, but this data represents the real-life results of the actual customer.



Notice the reduction of soot documented in the post-Xp3 used oil analysis pictured below, which shows a reduction in soot down to 0.4%. This is a <u>42% reduction in soot</u>. This before-and-after comparison proves that using Xp3 is helping to improve combustion, which reduces emissions and emissions related expenses. By reducing soot, Xp3 is also helping to protect the engine and reduce maintenance costs.

BLACKST LABORATOR	ONE	OIL	REP	NUMBER: ORT DATE: DE: 141/714	8/9/2016	UNIT ID: CLIENT ID PAYMENT	
MAKE/MODEL: Cu FUEL TYPE: Diese ADDITIONAL INFO:	ımmins ISX 15 Il 2014 Internati	onal, Prostar	OII	L TYPE & GI L USE INTE		nell Rotella T 15 314 Miles	6VV/40
MARK	8.		PHONE:				
24			FAX:			70	
			ALT PHO	JF:			
	100		EMAIL:				
want to keep an eye could show coolant, viscosity was thick	but it's not hial	n enough to s					
MI/HR on Oil	31,314		29,445		22		
MI/HR on Unit	354,314	LOCATION	323,835		1	Û	UNIVERSAL
Sample Date	7/27/2016	AVERAGES	4/28/2016				AVERAGES
Make Up Oil Added	1.5 qts		2 gal				
ALUMINUM	3	4	4	- 0			
CHROMIUM	3	4	5	ĝ.		- 9	
IRON	64	71	77				
COPPER	31	22	13		- 5	- 5	
LEAD	258	255	252	-	-	55	
TIN MOLYBDENUM	3	3 8	12		74	129	
NICKEL	0	1	12		-		
MANGANESE	1	2	2		-	- 12	
SILVER	0	0	0	-		-	* * * * * * * * * * * * * * * * * * * *
TITANIUM	2	5	8	$\overline{}$	*	-	
POTASSIUM	12	9	6	-		12	
BORON	16	11	5		- 1		
SILICON	14	18	22	- 8		12	
SODIUM	11	11	11		- 3	- 8	3
CALCIUM	2991	3154	3317		ń	8	183
MAGNESIUM	66	171	275	9.		55	53
PHOSPHORUS	1217	1305	1392		,	15	10
ZINC	1529	1625	1721				12
BARIUM		0					

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