



TelLab

Demo

Location: Demo
 Unit ID: **AGG34A008**
 Model: Greey Lightnin
 Machine Type: Gear



Appearance: Clear and bright
 Wear appears satisfactory.No Significant signs of contamination.Advice: Monitor at the next sampling period.

KR, 10 Aug 2015

Oil Castrol Hyspin AWS 68	Sample ID
Note:	Sampled on
	Received on
	Hr Total
	Hr Oil
	Top up (l.)

49951E (P8135)	4219EA (P1111)	3B649C (N7936)	343809 (N1124)	2D7C53 (M8372)
06 Aug 2015	01 Feb 2015	01 Aug 2014	02 Jan 2014	01 Aug 2013
06 Aug 2015	02 Feb 2015	01 Aug 2014	30 Jan 2014	02 Aug 2013

			Warning Limits	49951E (P8135)	4219EA (P1111)	3B649C (N7936)	343809 (N1124)	2D7C53 (M8372)
				●	●	⊘	⊘	●
ASTM D6595-00 WEAR METALS	Iron	ppm	10	<1	<1	10	4	4
	Chromium	ppm		<1	<1	<1	<1	<1
	Nickel	ppm		<1	<1	<1	<1	<1
	Molybdenum	ppm		<1	<1	1	<1	<1
	Aluminium	ppm	5	<1	<1	<1	<1	<1
	Lead	ppm	5	<1	<1	<1	<1	<1
	Copper	ppm	5	<1	<1	<1	<1	<1
	Tin	ppm	5	<1	<1	<1	<1	<1
	Silver	ppm		<1	<1	<1	<1	<1
	Titanium	ppm		<1	<1	<1	<1	<1
ASTM D6595-00 CONTAMINANTS	Silicon	ppm	5	2	1	2	2	1
	Sodium	ppm		<1	<1	2	1	2
	Vanadium	ppm		<1	<1	<1	<1	2
ASTM D6595-00 ADDITIVES	Calcium	ppm		68	67	60	51	40
	Magnesium	ppm		<1	<1	1	<1	6
	Phosphorus	ppm		381	380	363	286	194
	Zinc	ppm		476	443	470	350	367
	Barium	ppm		<1	<1	<1	<1	<1
ASTM D445	Boron	ppm		1	1	<1	<1	<1
	Viscosity at 40°C	cSt	61 - 75	67	69	69	68	68
ASTM E2412	TAN	mg KOH/g		0.18	<0.10	0.41	0.24	0.12
	Water	ppm	1000.0	<10.0	<10.0	<10.0	20.0	21.8
	OX	abs/mm2		1.8	1.9	1.8	1.7	1.6
Appearance Rating				10.0	10.0	70.0	70.0	10.0

Date 15 Sep 2015