



TellLab

Demo

Location: Main > Extruders
 Unit ID: **Extruder No.7**
 Model: Davis Standard - No.7
 Machine Type: Gear



Viscosity is not consistent with the stated grade.
 Advise : Change oil if not changed when oil sample was taken.
 Re-sample at next service interval.

KR, 21 Jul 2015

Oil	Shell Omala 150	Sample ID	48CA02 (P7394)	414646 (P297)	3AE7CB (N7458)	34574F (N1224)	2C2E58 (M7198)
Note:		Sampled on	09 Jul 2015	06 Jan 2015	14 Jul 2014	22 Jan 2014	24 Jun 2013
		Received on	15 Jul 2015	08 Jan 2015	22 Jul 2014	04 Feb 2014	01 Jul 2013
		Hr Total					
		Hr Oil					
		Top up (l.)					
		Warning Limits					
ASTM D6595-00 WEAR METALS	Iron	ppm	12	13	17	14	18
	Chromium	ppm	<1	<1	<1	<1	<1
	Nickel	ppm	<1	<1	<1	<1	<1
	Molybdenum	ppm	<1	<1	<1	<1	<1
	Aluminium	ppm	<1	<1	<1	<1	<1
	Lead	ppm	<1	<1	<1	<1	<1
	Copper	ppm	2	2	3	7	7
	Tin	ppm	<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	<1	<1	<1	<1	1
	Sodium	ppm	1	1	1	3	3
	Vanadium	ppm	<1	<1	<1	<1	<1
ASTM D6595-00 ADDITIVES	Calcium	ppm	10	13	10	20	20
	Magnesium	ppm	<1	<1	<1	<1	<1
	Phosphorus	ppm	219	226	286	242	209
	Zinc	ppm	7	6	8	16	18
	Barium	ppm	<1	<1	<1	<1	<1
	Boron	ppm	<1	<1	<1	<1	<1
ASTM D445	Viscosity at 40°C	cSt	289	289	289	155	153
	TAN	mg KOH/g	1.42	0.63	1.20	<0.10	0.42
ASTM E2412	Water	ppm	<10.0	<10.0	<10.0	<10.0	20.3
	OX	abs/mm2	14.2	13.7	13.5	3.4	4.3

Date 12 Oct 2015