



GREASE ANALYSIS

WEAR
GREASE CONDITION
CONTAMINANTS

ATTENTION
NORMAL
NORMAL

Area

RECUPERATION - BROYAGE

Machine Id

PIGNON BROYEUR NORD GRAISSE PALIER LIBRE (S/N 460-C3-306)

Component

Grease

Fluid

{not provided} (--- LTR)

RECOMMENDATION

Il s'agit du relevé de base de l'échantillon soumis.

WEAR

Ferrographic analysis shows a moderate amount of severely oxidized wear debris (of historical importance only) which means it was generate quite some time ago. Consider efforts to change or purge this debris from system prior it causing secondary wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC21018309	---	---
Sample Date		Client Info		29 Jul 2009	---	---
Machine Age	mths	Client Info		0	---	---
Grease Age	mths	Client Info		0	---	---
Grease Serviced		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
Ferrous Rubbing	Scale 0-10	ASTM D7684*		1		
Ferrous Sliding	Scale 0-10	ASTM D7684*				
Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Rolling	Scale 0-10	ASTM D7684*				
Ferrous Break-in	Scale 0-10	ASTM D7684*				
Ferrous Spheres	Scale 0-10	ASTM D7684*				
Ferrous Black Oxides	Scale 0-10	ASTM D7684*				
Ferrous Red Oxides	Scale 0-10	ASTM D7684*				
Ferrous Corrosive	Scale 0-10	ASTM D7684*		2		
Ferrous Other	Scale 0-10	ASTM D7684*		3		
Nonferrous Rubbing	Scale 0-10	ASTM D7684*				
Nonferrous Sliding	Scale 0-10	ASTM D7684*				
Nonferrous Cutting	Scale 0-10	ASTM D7684*				
Nonferrous Rolling	Scale 0-10	ASTM D7684*				
Nonferrous Other	Scale 0-10	ASTM D7684*				
Carbonaceous Material	Scale 0-10	ASTM D7684*				
Lubricant Degradation	Scale 0-10	ASTM D7684*		3		
Sand/Dirt	Scale 0-10	ASTM D7684*		2		
Fibres	Scale 0-10	ASTM D7684*				
Spheres	Scale 0-10	ASTM D7684*		1		
Other	Scale 0-10	ASTM D7684*				

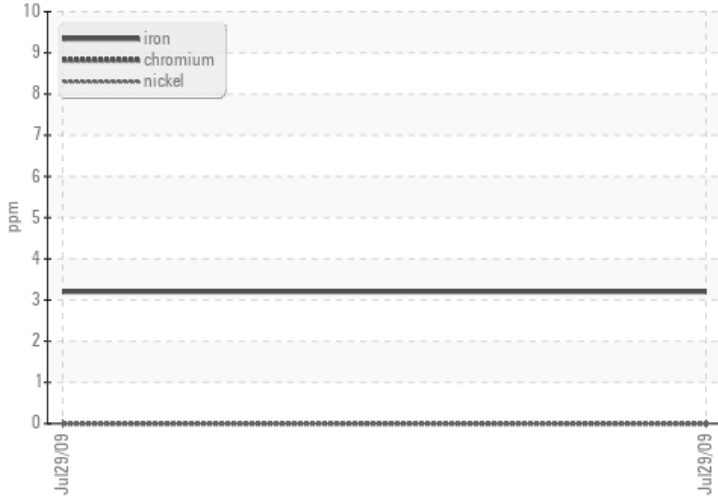
GREASE CONDITION

Water

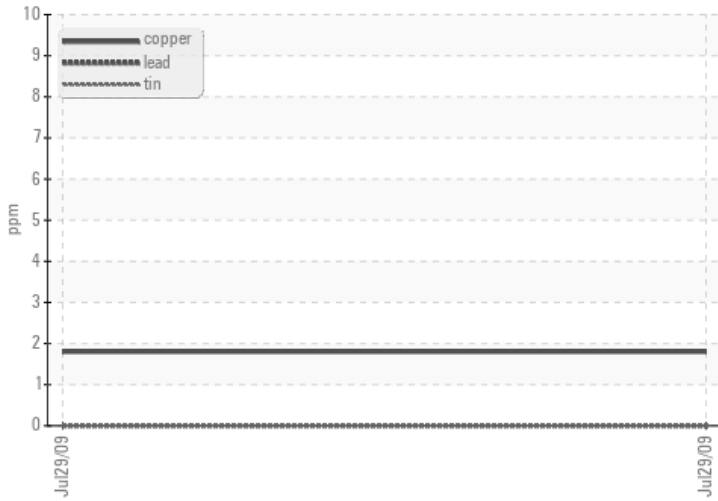
WC Method

NEG

Ferrous Alloys



Non-ferrous Metals



Water



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC21018309
Lab Number : 01553601
Unique Number : 2950943
Test Package : TEST

Rio Tinto - USINE VAUDREUIL BHB (Mill - Aluminum)
 1955 BD. MELLON, EDIFICE 401
 JONQUIERE, QC
 CA G7S 4L2
 Contact: Dany Bonneau
 dany.bonneau@riotinto.com
 T: (418)718-7771
 F: (418)699-2421

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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