

LAB REPORT



Kerschelweg 28 · 83098 Brannenburg · Germany
Tel. +49 8034-9047-0 · info@oelcheck.de



Unit ID

Óleo novo 2

Current sample number

2972725

Version 2 of 19.05.2016

page 1 of 1

OELCHECK GmbH · Postfach 1116 · 83094 Brannenburg

Rewitec GmbH
Labor
Herr Mario Bingel
Dr.-Hans-Wilhelmi-Weg 1
35633 Lahnau

Sample from: **Fresh oil**
Oil brand name: **Castrol Optigear Synthetic X 320**

Diagnosis for the current laboratory values

Fresh oil after Rewitec application - Este é um óleo novo com a adição de REWITEC.

Carsten Heine (CLS)

Sample Rating



unrated

ANALYSIS RESULTS			Current sample	Previous samples	
LAB NUMBER			2972725		
SAMPLE RATING					
Date tested			11.05.2016		
Date of sample taken			-		
Date of last oil change			-		
Top-up since change			-		
Operating time since change			-		
Total operating time			-		
Oil changed			-		
WEAR					
Iron	Fe	mg/kg	4		
Chrome	Cr	mg/kg	0		
Tin	Sn	mg/kg	0		
Aluminum	Al	mg/kg	138		
Nickel	Ni	mg/kg	0		
Copper	Cu	mg/kg	1		
Lead	Pb	mg/kg	0		
Manganese	Mn	mg/kg	0		
PQ index	-		< 25		
CONTAMINATION					
Silicon	Si	mg/kg	192		
Potassium	K	mg/kg	9		
Sodium	Na	mg/kg	3		
Titanium	Ti	mg/kg	1		
Water	%		< 0.10		
OIL CONDITION					
Viscosity at 40°C	mm²/s		322.51		
Viscosity at 100°C	mm²/s		34.37		
Viscosity index	-		151		
Oxidation	A/cm		-		
ADDITIVES					
Calcium	Ca	mg/kg	1881		
Magnesium	Mg	mg/kg	8		
Boron	B	mg/kg	0		
Zinc	Zn	mg/kg	1		
Phosphorus	P	mg/kg	362		
Barium	Ba	mg/kg	0		
Molybdenum	Mo	mg/kg	1083		
Sulphur	S	mg/kg	1903		

Bottle and Cap



Infrared Spectrum

