

TEST REPORT

No. **13/006**Date: 29.08.2013



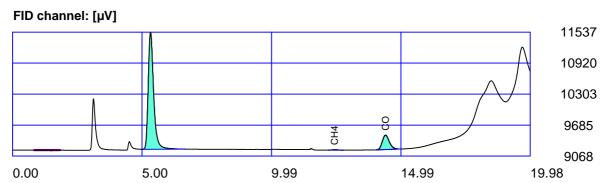
CHROMATOGRAPHIC ANALYSIS OF GASES DISSOLVED IN OIL

Transformer data: Oil from machine, degassed

Instrument data: TOGA GC, full vacuum degassing, Energy Support

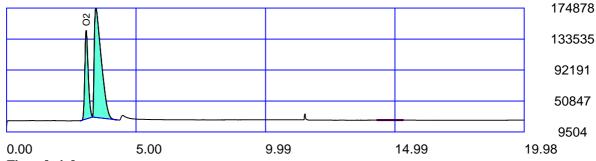
Test method: HRN EN 60567, IEC 60599, IEC 61181

Note: prije varenja



Time: [min]





Time: [min]

Component		Ref. value ppm	Meas. value ppm	Nom. value ppm	Trend ml/day	Exceed. nom. val. %
Hydrogen	H_2	-	-	15.0	-	-
Methane	CH ₄	-	0.57	5.0	-	-
Ethine	C ₂ H ₂	-	-	1.0	-	-
Ethene	C ₂ H ₄	-	-	2.0	-	-
Ethane	C ₂ H ₆	-	-	12	-	-
Carbon monoxide	СО	-	24.4	80.0	-	-
Ĉarbon dioxide	CO ₂	-	96.8	200	-	-
Nitrogen	N ₂	-	27551	-	-	-
Oxygen	O ₂	-	12392	-	-	-
Total gas	TG	-	40065	-	-	-

INTERPRETATION OF TEST RESULTS: All gas concentrations are low and according with typical manufacturer's gas valuec acc. QA-RU-15-00-06

Tested by: Ivanka Radić, MSc.Chem.E.

Approved by: Renata Jurišić, MSc.Chem.E.

Vlatka Matun, mag.ing.oecoing.