KONČAR D&ST

RAPPORT D'ESSAI

No. 13/037

Date: kifla

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS Certification

ANALYSE CHROMATOGRAPHIQUE DES GAZ DISSOUS DANS L'HUILE

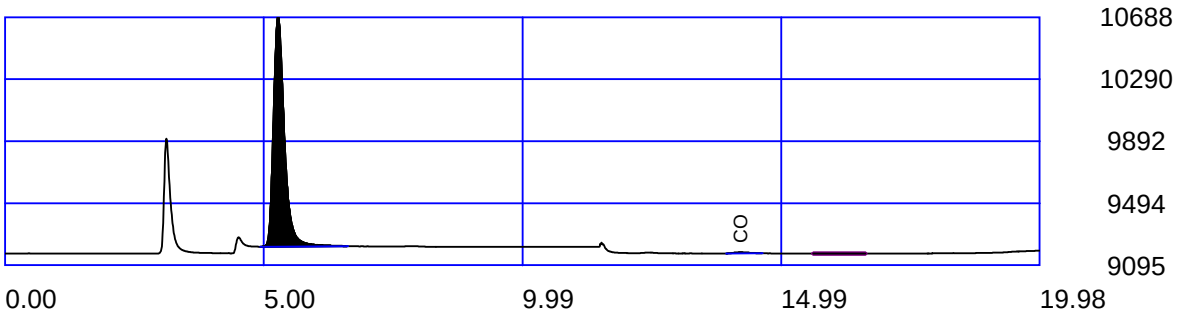
Transformer data: 037

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

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

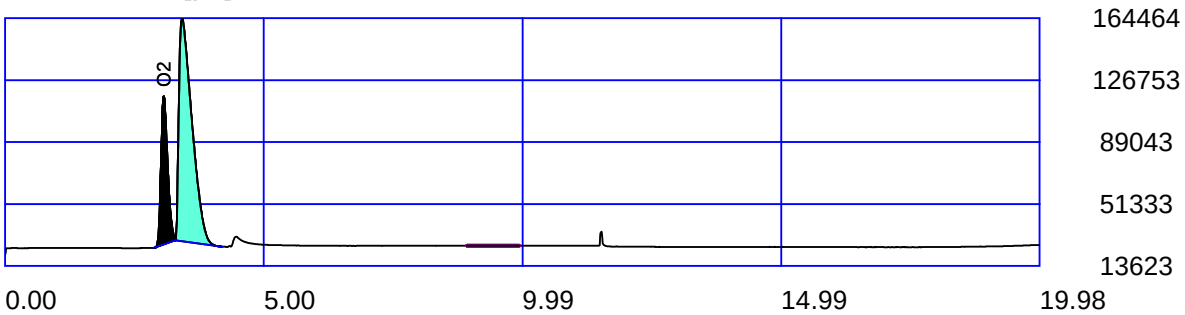
Note: Nesto

FID channel: [µV]



Time: [min]

TCD channel: [µV]



Time: [min]

Component		Ref. value µl/l (ppm)	Meas. value µl/l (ppm)	Nom. value µl/l (ppm)	Exceed. nom. val. %
Hydrogen	H_2	55	-	15.0	-
Methane	CH_4	44	-	5.0	-
Ethine	C_2H_2	-	-	1.0	-
Ethene	C_2H_4	-	-	2.0	-
Ethane	C_2H_6	-	-	5.0	-
Carbon monoxide	CO	-	0.43	80.0	-
Carbon dioxide	CO_2	-	33.7	200	-
Nitrogen	N_2	-	6756	-	-
Oxygen	O_2	-	1580	-	-
Total gas	TG	-	8370	-	-

INTERPRETATION OF TEST RESULTS: All gas concentrations are low and according with typical manufacturer's gas valuec acc. QA-RU-15-00-05

Tested by: Ivanka Radić, MSc.Chem.E.
Vlatka Matun, mag.ing.oecoing.

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

Končar Distribution&Special Transformers, tel. + 385 1 3783 777, fax:+ 0385 1 3794 051, e-mail: info@koncar-dst.hr, www.koncar-dst.hr
Laboratory of Incoming control, tel.+385 1 3783 829, e-mail:ivanka.radic@koncar-dst.hr