

ÁMEI

Petroleum Products Quality Inspection
Company Limited by Shares
Testing laboratory Accredited by the
Hungarian Accreditation Board (NAT-1-1240/2011)



VIZSGÁLÓ
NAT-1-1240/2011

Our ref. No: 403-E/2013

06 May Budaörs, Hungary

REPORT OF ANALYSIS

To the order of: Metabond Magyarország Kft.
9030 Győr, Csonkaér u. 5.
Linczmayer János

Date of sample arrival: 16 April 2013

Sampler: Consigner

Sampling: O accredited Ø not accredited

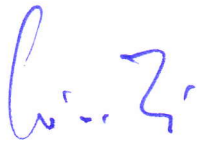
Subject: Analysis of lubricating oil

Lab identification number	704/2013	705/2013	706/2013	707/2013
Sample's identification	„Minta „A” Motorolaj, Szgk.”	„Minta „B” Motorolaj, Tgk.”	„Minta „A+” Motorolaj + 5% Metabond, ECO”	„Minta „B+” Motorolaj + 5% Metabond, TRUCK”
Four-Ball method (ASTM D 2783:2003)				
1100 N, scar diameter	mm 0,5	0,5	-	-
1200 N, scar diameter	mm 0,5	2,4	-	-
1300 N, scar diameter	mm 2,4	2,4	-	-
1400 N, scar diameter	mm 2,4	2,5	0,5	0,5
1500 N, scar diameter	mm 2,5	2,5	0,5	-
1600 N, scar diameter	mm -	-	-	1,7
1700 N, scar diameter	mm 2,8	2,7	2,3	1,8
2000 N, scar diameter	mm 3,7	3,4	2,3	2,1
2150 N, scar diameter	mm -	-	2,3	-
2300 N, scar diameter	mm welding	welding	3,0	2,3
2450 N, scar diameter	mm		-	2,6
2600 N, scar diameter	mm		welding	welding


The repeatability value of the test method meets the requirement of the standard procedure.

Pages (including this one): 1.

This report of analysis can be reproduced only in full extent and the test results concern only the samples No.: 704-707/2013.


dr. Zoltán Kása
general manager




Berta Nagy
head of laboratory