



Quality No. : QO-22016386

Purchase No. Tank : P-MOL001L0522
number : PF02

Product/Material name : L128613 ECO DIESEL 10W40 (6/4 Lts.)

Batch No. : FS-2223007

Customer name : SAVACOM-TRANS SRL

Reported date : 30/05/2022

Tested date : 27/05/2022

Received date : 27/05/2022

No.	Test item	Test method	Specification	Result	Unit
1	*Appearance	Visual	Bright & Clear	Bright & Clear	-
2	Density @15C	ASTM D4052-15	Report	0.8655	g/cm3
3	Density @30C	ASTM D4052-15	Report	0.8561	g/cm3
4	Kinematic Viscosity @40C	ASTM D445-15	Report	95.79	mm2/s
5	Kinematic Viscosity @100C	ASTM D445-15	13.50 - 15.00	14.21	mm2/s
6	*Viscosity Index	ASTM D2270-10e1	Report	152	-
7	*ASTM Color	ASTM D6045	Report	3.5	-
8	*Flash Point by COC	ASTM D92-12b	Report	222	deg C
9	*Pour Point	ASTM D6749	-42 Max	-42	deg C
10	*Total Base Number	ASTM D2896-11	7.89 - 9.66	9.00	mgKOH/g
11	*Cold Cranking Simulator @-25C	ASTM D5293-15	7,000 Max	5,862	mPas
12	*Foaming : Seq.I @24C, Tendency	ASTM D892-13	10 Max	0	Milliliter
13	*Foaming : Seq.I @24C, Stability	ASTM D892-13	0 Max	0	Milliliter
14	*Foaming : Seq.II @93.5C, Tendency	ASTM D892-13	20 Max	10	Milliliter
15	*Foaming : Seq.II @93.5C, Stability	ASTM D892-13	0 Max	0	Milliliter
16	*Foaming : Seq.III @24 after 93.5C, Tendency	ASTM D892-13	10 Max	0	Milliliter
17	*Foaming : Seq.III @24 after 93.5C, Stability	ASTM D892-13	0 Max	0	Milliliter
18	*Ca Content	ASTM D4951-14	0.130 - 0.151	0.145	%wt
19	*Mg Content	ASTM D4951-14	0.0400 - 0.0510	0.0454	%wt
20	*Zn Content	ASTM D4951-14	0.118 - 0.139	0.125	%wt
21	*P Content	ASTM D4951-14	0.11 - 0.12	0.11	%wt
22	*Mo Content	ASTM D4951-14	0.007 - 0.011	0.009	%wt
23	*B Content	ASTM D4951-14	0.043 - 0.061	0.054	%wt

Shipment details verify by

Seen



Operation Executive

Technical Specification verify by

Jubate



Product Manager

TOTACHI INDUSTRIAL PTE., LTD. Singapore,

Copyright - 2011-2015 © TOTACHI KOUGYO CO., LTD 版權所有。
TOTACHI®商標およびロゴはトヨタ工業株式会社の登録商標です。

Tradition in motion
www.totachi.co.jp