



UNITED OIL

CERTIFICATE OF ANALYSIS

Date	17/3/2015
Product Name	GB DIESEL SUPER TURBO SAE 15W40 API CF4/SG
Batch No.	1G140308

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8697
Density @ 30 °C	kg/l	D 4052	0.8603
Kinematic Viscosity @ 40°C	cSt	D 445	109.6
Kinematic Viscosity @ 100°C	cSt	D 445	14.88
Viscosity Index	-	D 2270	141
Total Base Number	mgKOH/g	D 2896	10.9
Flash Point COC	°C	D 92	222
Pour Point	°C	D 97	-33



Signature : _____

UNITED OIL COMPANY PTE LTD GST Reg. No.: 199901228N Co. Reg. No.: 19-9901228-N

14 Tuas Drive 2, Singapore 638647 Tel: (65) 6861 1157 Fax: (65) 6861 3101 Email: enquiry@united-oil.com Website: www.united-oil.com



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CERTIFICATE OF ANALYSIS

Date	19/3/2015
Product Name	GB PREMIUM EXTRA SAE 15W40 API CI4/SL
Batch No.	1G140305

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8738
Density @ 30 °C	kg/l	D 4052	0.8643
Kinematic Viscosity @ 40°C	cSt	D 445	121.1
Kinematic Viscosity @ 100°C	cSt	D 445	15.34
Viscosity Index	-	D 2270	132
Total Base Number	mgKOH/g	D 2896	10.0
Flash Point COC	°C	D 92	220
Pour Point	°C	D 97	-33



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CERTIFICATE OF ANALYSIS

Date	30/1/2015
Product Name	GB DIESEL SUPER SAE 20W50 API CF/SF
Batch No.	1G030182

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8766
Density @ 30 °C	kg/l	D 4052	0.8671
Kinematic Viscosity @ 40°C	cSt	D 445	183.3
Kinematic Viscosity @ 100°C	cSt	D 445	20.62
Viscosity Index	-	D 2270	132
Total Base Number	mgKOH/g	D 2896	10.9
Flash Point COC	°C	D 92	246
Pour Point	°C	D 97	-30



Signature : _____



UNITED OIL

CERTIFICATE OF ANALYSIS

Date	25/3/2015
Product Name	GB DIESEL SUPER TURBO SAE 20W50 API CF4/SG
Batch No.	1G140309

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8790
Density @ 30 °C	kg/l	D 4052	0.8695
Kinematic Viscosity @ 40°C	cSt	D 445	168.8
Kinematic Viscosity @ 100°C	cSt	D 445	19.39
Viscosity Index	-	D 2270	131
Total Base Number	mgKOH/g	D 2896	11.0
Flash Point COC	°C	D 92	246
Pour Point	°C	D 97	-30



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CERTIFICATE OF ANALYSIS

Date	25/3/2015
Product Name	GB PREMIUM EXTRA SAE 20W50 API CI4/SL
Batch No.	1G140306

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8801
Density @ 30 °C	kg/l	D 4052	0.8706
Kinematic Viscosity @ 40°C	cSt	D 445	183.5
Kinematic Viscosity @ 100°C	cSt	D 445	20.13
Viscosity Index	-	D 2270	127
Total Base Number	mgKOH/g	D 2896	9.9
Flash Point COC	°C	D 92	250
Pour Point	°C	D 97	-30



Signature : _____

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CERTIFICATE OF ANALYSIS

Date	23/3/2015
Product Name	GB PROGEAR EP5 80W90 API GL-5
Batch No.	1G140311

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<2.5
Density @ 15 °C	kg/l	D 4052	0.8820
Density @ 30 °C	kg/l	D 4052	0.8725
Kinematic Viscosity @ 40°C	cSt	D 445	137.9
Kinematic Viscosity @ 100°C	cSt	D 445	15.38
Viscosity Index	-	D 2270	115
Flash Point COC	°C	D 92	214
Pour Point	°C	D 97	-27



Signature : _____

CERTIFICATE OF ANALYSIS

Date	23/3/2015
Product Name	GB PROGEAR EP5 85W140 API GL-5
Batch No.	1G140312

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<3.0
Density @ 15 °C	kg/l	D 4052	0.9045
Density @ 30 °C	kg/l	D 4052	0.8951
Kinematic Viscosity @ 40°C	cSt	D 445	377.8
Kinematic Viscosity @ 100°C	cSt	D 445	28.29
Viscosity Index	-	D 2270	102
Flash Point COC	°C	D 92	214
Pour Point	°C	D 97	-12



Signature: _____

CERTIFICATE OF ANALYSIS

Date	24/3/2015
Product Name	GB HYDRAULIC AW 68
Batch No.	1G140310

Characteristic	Unit	ASTM Method	Test Result
Appearance	-	Visual	B & C
Color	-	D 1500	<1.0
Density @ 15 °C	kg/l	D 4052	0.8664
Density @ 30 °C	kg/l	D 4052	0.8570
Kinematic Viscosity @ 40°C	cSt	D 445	70.02
Kinematic Viscosity @ 100°C	cSt	D 445	9.184
Viscosity Index	-	D 2270	107
Flash Point COC	°C	D 92	224
Pour Point	°C	D 97	-18

Signature : _____

