



RENAULT

TECHNOCENTRE  
ETABLISSEMENT DE GUYANCOURT  
API : TCR LAB 2 50  
Grégory ALEXANDRE

Tél : 01 76 82 95 97 Fax : 01 76 89 08 85

Réf. 68120-2008-7100

Le 31/07/2008

Zina FERGANE

IGOL France  
614, rue de CAGNY

80094  
AMIENS Cedex 3  
FRANCE

RECU le

4 AOUT 2008

**Objet :** PRECONISATION - huile IGOL RN0700, 0710 et 0720 : « **S04** » et « **P17** ».

Madame,

Veuillez trouver ci-joint les certificats d'homologations *RN0700-08-019* et *RN0710-08-013* de l'huile moteur IGOL « **Symbol Ceramic SAE 5w40 – S04** » répondant aux normes Renault après-vente.

Veuillez également trouver ci-joint le certificat d'homologation *RN0720-08-008* de l'huile moteur IGOL « **Profive C4 SAE 5w30 – P17** » répondant aux normes Renault après-vente.

Veuillez recevoir madame, mes meilleures salutations distinguées.

**Catherine GAUTHIER**

Chef de Service « Fluides – dépollution  
et Qualité de l'Air »

*PJ : Certificats d'homologations pour lubrifiant moteur après vente.*

**RENAULT**

Entrée : 1 place Georges Besse - 78288 Guyancourt

Livraison et adresse postale : 1 avenue du Golf - 78288 Guyancourt cedex - tél. : +33 (0)1 76 85 34 95

Renault s.a.s Société par actions simplifiée au capital de 533 941 113 euros - Siège Social : 13-15 quai Alphonse Le Gallo - 92513 Boulogne Billancourt cedex

780 129 987 R.C.S. Nanterre - Siret : 780 129 987 03591 - APE 341 Z



## Renault RN0710 certificate

Identification	Supplier	IGOL
	Product name	Symbol Ceramic SAE 5w40 S04
	ACEA	A3/B4-04
	1.1 Grade	5W40

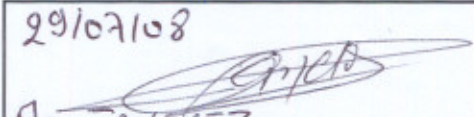
Lab performance	Kinematic viscosity (40°C)	90,0	
	Kinematic viscosity (100°C)	14,52	
	1.2 Shear stability	12,75	
	1.3 HTHS	3,85	
	1.4 Noack	12,6	
	Calcium	2960	
		Zinc	1220
		Magnesium	15
	1.5 Sulphur	0,37	
	1.6 Phosphorus	1070	
	1.7 Sulphated Ash	1,13	
	1.8 Chlorine	19	
	TAN	3,1	
	1.9 TBN	9,6	
	1.10	RE1 - FPM	passee
		RE2/99 - ACM	passee
RE3/04 - VMQ		passee	
RE4 - NBR		passee	
AEM - VAMAC		passee	
1.11	Foaming Seq1	10/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	100/0	
1.13	CCS	6600	
1.14	Pumping limit T* (MRV)	-35	
1.15	Density	857,4	
1.16	Open-vessel flash point	232	

Lab performance (continued)	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	22
	1.21	Water content	<0,05
	1.22	Base oil type & ratio	100% Group 3
	1.23	TOC	Classe 2
	1.24	MCT	8,2
	1.25	Auto-ignition T*	380

ACEA Engine tests performance	2.1	TU5JP high temperature deposits	passee
	2.2	Seq VG low temperature sludge	passee
	2.3	TU3M cam wear	passee
	2.4	M111 black sludge	passee
	2.5	M111 fuel economy	non requis
	2.6	DV4TD dispersivity	passee
	2.7	VW DI piston cleanliness & ring sticking	passee
	2.8	OM602A viscosity & oil consumption	passee

LLR	3.1	Renault LLR	non requis
-----	-----	-------------	------------

Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29/07/2008
	Sample delivery (dd/mm/yyyy)	28/07/2008
	Renault lab serial registry (FLU)	FLU0800316
Certificate	Certificate serial number	RN0710-08-013
	Delivered on (dd/mm/yyyy)	30-07-2008
	Valid till (dd/mm/yyyy)	30-07-2010
	Letter ref (NDS)	68120-08-7100

Supplier commitment: Date, Name, Signature	
I hereby certify that all data submitted in this form is correct and issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities.	
29/07/08	
Mr. TANCREZ	

Renault: Date, Name, Signature
30 July 2008 Eric FITAMEN Service 68120 TGR LAB 2.50

Tél. : 01.76.85.09.13  
Fax : 01.76.89.08.85



### Renault RN0700 certificate

Identification		Supplier	IGOL
		Product name	Symbol Ceramic SAE 5w40 S04
		ACEA	A3/B4-04
	1.1	Grade	5W40

Lab performance		Kinematic viscosity (40°C)	90,0
		Kinematic viscosity (100°C)	14,52
	1.2	Shear stability	12,75
	1.3	HTHS	3,85
	1.4	Noack	12,6
		Calcium	2960
		Zinc	1220
		Magnesium	15
	1.5	Sulphur	0,37
	1.6	Phosphorus	1070
	1.7	Sulphated Ash	1,13
	1.8	Chlorine	19
		TAN	3,1
	1.9	TBN	9,6
		RE1 - FPM	passee
		RE2/99 - ACM	passee
1.10	RE3/04 - VMQ	passee	
	RE4 - NBR	passee	
	AEM - VAMAC	passee	
1.11	Foaming Seq1	10/0	
	Foaming Seq2	10/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	100/0	
1.13	CCS	6600	
1.14	Pumping limit T* (MRV)	-35	
1.15	Density	857,4	
1.16	Open-vessel flash point	232	

Lab performance (continued)	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,4
	1.20	De-airing	22
	1.21	Water content	<0.05
	1.22	Base oil type & ratio	100% Group 3
	1.23	TOC	Classe 2
	1.24	MCT	8,2
1.25	Auto-ignition T*	380	

ACEA Engine tests performance	2.1	TU5JP high temperature deposits	passee
	2.2	Seq VG low temperature sludge	passee
	2.3	TU3M cam wear	passee
	2.4	M111 black sludge	passee
	2.5	M111 fuel economy	non requis
	2.6	DV4TD dispersivity	passee
	2.7	VW DI piston cleanliness & ring sticking	passee
	2.8	OM602A viscosity & oil consumption	passee

LLR	3.1	Renault LLR	non requis
-----	-----	-------------	------------

Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29/07/2008
	Sample delivery (dd/mm/yyyy)	28/07/2008
	Renault lab serial registry (FLU)	FLU0800316
Certificate	Certificate serial number	RN0700-08-019
	Delivered on (dd/mm/yyyy)	30-07-2008
	Valid till (dd/mm/yyyy)	30-07-2010
	Letter ref (NDS)	68120-08-7100

Renault: Date, Name, Signature
<p>30 July 2008</p> <p><b>Eric FITAMEN</b> Service 68120 TGR LAB 2 50</p>

Tél. : 01.76.85.09.13  
Fax : 01.76.89.08.85

Supplier commitment: Date, Name, Signature
<p>I hereby certify that all data submitted in this form is correct and issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities.</p> <p>29/07/08</p> <p>Mr. JAVIEREZ</p>





## Renault RN0720 certificate

Identification		Supplier	IGOL
		Product name	Profive C4 SAE 5w30 P17
		ACEA	C4
	1.1	Grade	5w30

Lab performance		Kinematic viscosity (40°C)	68,1
		Kinematic viscosity (100°C)	11,6
	1.2	Shear stability	11,64
	1.3	HTHS	3,51
	1.4	Noack	9,4
		Calcium	1216
		Zinc	500
		Magnesium	4
	1.5	Sulphur	0,19
	1.6	Phosphorus	447
	1.7	Sulphated Ash	0,4
	1.8	Chlorine	<5
		TAN	1,1
	1.9	TBN	7,0
	1.10	RE1 - FPM	Pass (C3-04)
		RE2/99 - ACM	Pass (C3-04)
	RE3/04 - VMQ	Pass (C3-04)	
	RE4 - NBR	Pass (C3-04)	
	AEM - VAMAC	Pass	
1.11	Foaming Seq1	0/0	
	Foaming Seq2	40/0	
	Foaming Seq3	0/0	
1.12	Foaming Seq4	90/0	
1.13	CCS	6150	
1.14	Pumping limit T* (MRV)	-35	
1.15	Density	852	
1.16	Open-vessel flash point	210	

Lab performance (continued)	1.17	Pour point	-33
	1.18	Copper corrosion	1a
	1.19	Anti-wear properties	0,43
	1.20	De-airing	29,5
	1.21	Water content	<0,04
	1.22	Base oil type & ratio	100% Gr III
	1.23	TOC	Classe 3
	1.24	MCT	8,5
1.25	Auto-ignition T°	362	

ACEA Engine tests performance	2.1	TU5JP high temperature deposits	Pass
	2.2	Seq VG low temperature sludge	Pass
	2.3	TU3M cam wear	Pass
	2.4	M111 black sludge	Pass
	2.5	M111 fuel economy	Pass
	2.6	DV4TD dispersivity	Pass
	2.7	VW DI piston cleanliness & ring sticking	Pass
	2.8	OM602A viscosity & oil consumption	Pass

LLR	3.1	Renault LLR	Pass
-----	-----	-------------	------

Renault Registration Data (to be filled by Renault's delegate only)		
Registration	Final Technical data (dd/mm/yyyy)	29/07/2008
	Sample delivery (dd/mm/yyyy)	28/07/2008
	Renault lab serial registry (FLU)	FLU0800317
Certificate	Certificate serial number	RN0720-08-008
	Delivered on (dd/mm/yyyy)	30-07-2008
	Valid till (dd/mm/yyyy)	30-07-2010
	Letter ref (NDS)	61120-08-7100

Renault: Date, Name, Signature

30. July 2008

**Eric FITAMEN**  
 Service 68120  
 TCR LAB 2 50  
 Tél. : 01.76.85.09.13  
 Fax : 01.76.89.08.85

Supplier commitment: Date, Name, Signature

I hereby certify that all data submitted in this form is correct and issues from Renault-approved independent or Renault-certified (self-agreement process) testing facilities.

29/07/08

*[Signature]*  
 MR. TANCREZ