



Renault RN0700 certificate

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| Identification | | Supplier | OOO "LLK-International" |
| | | Product name | CONFIDENTIAL LUKOIL Luxe Special CONFIDENTIAL |
| | | ACEA | A3/B4-08 |
| | 1.1 | Grade | 5w-40 |

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| Lab performance | | Kinematic viscosity (40°C) | 80,3 |
| | | Kinematic viscosity (100°C) | 13,3 |
| | 1.2 | Shear stability | 12,9 |
| | 1.3 | HTHS | 3,6 |
| | 1.4 | Noack | 9,8 |
| | | Calcium | 2630 |
| | | Zinc | 1070 |
| | | Magnesium | 16 |
| | 1.5 | Sulphur | 0,249 |
| | 1.6 | Phosphorus | 980 |
| | 1.7 | Sulphated Ash | 1,1 |
| | 1.8 | Chlorine | <5 |
| | | TAN | 2,6 |
| | 1.9 | TBN | 10,0 |
| | 1.10 | RE1 - FPM | Pass |
| | | RE2/99 - ACM | Pass |
| | RE3/04 - VMQ | Pass | |
| | RE4 - NBR | Pass | |
| | AEM - VAMAC | Pass | |
| | Foaming Seq1 | 0 - 0 | |
| | Foaming Seq2 | 15 - 0 | |
| | Foaming Seq3 | 0 - 0 | |
| 1.12 | Foaming Seq4 | 30 - 0 | |
| 1.13 | CCS | 5830 @ -30°C | |
| 1.14 | Pumping limit T° (MRV) | 36165 @ -35°C | |
| 1.15 | Density | 855 | |
| 1.16 | Open-vessel flash point | 230 | |

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| Lab performance (continued) | 1.17 | Pour point | -45 |
| | 1.18 | Copper corrosion | 1a |
| | 1.19 | Anti-wear properties | 0,44 |
| | 1.20 | De-airing | 25,8 |
| | 1.21 | Water content | < 0,04 |
| | 1.22 | Base oil type & ratio | CONFIDENTIAL |
| | 1.23 | TOC | Classe 2 |
| | 1.24 | MCT | 7,4 |
| | 1.25 | Auto-ignition T° | 346 |

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| 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 | - |
| | 2.6 | DV4TD dispersivity | Pass |
| | 2.7 | VW DI piston cleanliness & ring sticking | Pass |
| | 2.8 | OM602A viscosity & oil consumption | Pass |

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| LLR | 3.1 | Renault LLR | - |
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| Renault Registration Data (to be filled by Renault's delegate only) | | |
| Registration | Final Technical data (dd/mm/yyyy) | 10.06.2015 |
| | Sample delivery (dd/mm/yyyy) | 31.05.2010 |
| Certificate | Certificate serial number | RN0700-10-47 |
| | Delivered on (dd/mm/yyyy) | <i>18/06/2015</i> |
| | Valid till (dd/mm/yyyy) | <i>18/06/2019</i> |
| | Letter ref (NDS) | 68150-2015-160 |

Renault: Date, Name, Signature

18/06/2015

Jean-Michel TRICHARD
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 TCR LAB 2 52
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[Signature]

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.

R&D Director



Dr. Andrey Sterkhov