



Renault RN710 certificate



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| Identification | Supplier | OOO "LLK-International" |
| | Product name | CONFIDENTIAL Genesis Armortech CONFIDENTIAL |
| | ACEA | A3 / B4-08 |
| | Grade | 5W-40 |

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|------------------------|------------------------|-----------------------------|--------------|
| Lab performance | 1.2 | Shear stability | 13,30 |
| | 1.3 | HTHS | 3,70 |
| | 1.4 | Kinematic viscosity (40°C) | 82,8 |
| | | Kinematic viscosity (100°C) | 13,80 |
| | 1.5 | Noack | 10,2 |
| | 1.6 | Calcium | 2700 |
| | | Zinc | 1050 |
| | | Magnesium | 0 |
| | | Sulphur | 0,20 |
| | | Phosphorus | 950 |
| | | Chlorine | 10 |
| | | Molybdenum | 0 |
| | | Barium | 0 |
| | | Silicon | 5 |
| | 1.7 | Boron | 70 |
| | 1.7 | Sulphated Ash | 1,1 |
| | 1.8 | TAN | 2,6 |
| | 1.9 | TBN | 10,1 |
| | 1.10 | RE1 - FPM | PASS (AK6) |
| | | RE2/99 - ACM | PASS (ACM) |
| | | RE3/04 - VMQ | PASS |
| | | RE4 - NBR | PASS (NBR34) |
| | | AEM - VAMAC | PASS (AEM) |
| 1.11 | Foaming Seq1 | 0 - 0 | |
| | Foaming Seq2 | 10 - 0 | |
| | Foaming Seq3 | 0 - 0 | |
| 1.12 | Foaming Seq4 | 30 - 0 | |
| 1.13 | CCS | 5780 @ -30°C | |
| 1.14 | Pumping limit T* (MRV) | 29300 @ -35 | |

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| Lab performance (continued) | 1.15 | Density | 852 |
| | 1.16 | Open-vessel flash point | 228 |
| | 1.17 | Pour point | -39 |
| | 1.18 | Copper corrosion | 1a |
| | 1.19 | Anti-wear properties | 0,47 |
| | 1.20 | De-airing | 25 |
| | 1.21 | Water content | <0,04 |
| | 1.22 | Base oil type & ratio | CONFIDENTIAL |
| | 1.23 | TOC | Classe 2 |
| | 1.24 | MCT | 9,3 |
| | 1.25 | Auto-ignition T* | 358 |

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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 | NR |
| | 2.6 | DV4TD dispersivity | Pass |
| | 2.7 | OM646 Viscosity stability et oil consumption | Pass |
| | 2.8 | VW DI piston cleanliness & ring sticking | 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) | 12.05.2015 |
| | Sample delivery (dd/mm/yyyy) | 31.05.2010 |
| Certificate | Certificate serial number | RN0710-10-25 |
| | Delivered on (dd/mm/yyyy) | 18/06/2015 |
| | Valid till (dd/mm/yyyy) | 18/06/2019 |
| | Letter ref (NDS) | 68150-2015-160 |

Renault: Date, Name, Signature

18/06/2015

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Trichard

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

[Signature]

Dr. Andrey Sterkhov