

Product Quality & Assurance – China Market



SGS

Report Date: 12/01/2021
 F600501 SGS TESTING & CONTROL SERVICES
 SINGAPORE PTE LTD
 3 Toh Tuck Link, #01-02/03
 Singapore
 SINGAPORE
 596228

Analysis Report: SO20-12951.001 Reissue: 3
 ** This Amended Report cancels and supersedes the Report No. SO20-12951.001 Dated 01/12/2020 Issued by SGS.

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the below results. Users of analytical results, when establishing conformance with commercial or regulatory requirements should note the full provisions of ASTM D3244, IP 387 and ISO 4259 in that context, the default confidence level of petroleum testing having been set at the 95% confidence level. Your attention is specifically drawn to Sections 7.3.6, 7.3.7 and 7.3.8 of ASTM D3244. With respect to the UOP methods listed in the report below the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.

The sample to which the findings recorded herein relate was drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample. The Company accepts no liability with regard to the origin or source from which the sample is said to be extracted.

JOB ORDER NO.: OLASO2003711-01LO BOSS ORDER NO.: --
 CLIENT ID: L181034 PRODUCT DESCRIPTION: Engine Oil - EERSTA ACCEL EVEREX RS 5W-40

SAMPLE SOURCE: Supplied by Client
 SAMPLE TYPE: --
 ANALYSED: 18/11/2020 - 12/01/2021 RECEIVED: 18/11/2020
 CONTAINER: 1x1L Plastic Bottle + 1 x 100ml Plastic Bottle COMPLETED: 12/01/2021

SAMPLE COMMENT: *Use remaining sample to perform the test.
 REPORT COMMENT: The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Kinematic Viscosity at 40°C	GB/T 265-88(2004)	86.17 mm ² /s	--	--
Kinematic Viscosity at 100°C	GB/T 265-88(2004)	14.12 mm ² /s	--	--
Viscosity Index	GB/T 1995-98(2004)	170 --	--	--
Water Content	GB/T 260-2016	Trace % (m/m)	--	--
Flash Point (Open Cup)	GB/T 3536-2008	226 °C	--	--
Pour Point	GB/T 3535-2006	-36 °C	--	--
Mechanical Impurities	GB/T 511-2010	NIL % (m/m)	--	--
CCS Apparent Viscosity at -30°C	GB/T 6538-2010	6150 mPa.s	--	--
Lubricating Oils, Foaming Characteristics Seq I	GB/T 12579-02(2004)			
Foam Tendency at 24°C		0 mL	--	--
Foam Stability at 24°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq II	GB/T 12579-02(2004)			
Foam Tendency at 93.5°C		10 mL	--	--
Foam Stability at 93.5°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq III	GB/T 12579-02(2004)			
Foam Tendency - Another Seq. at 24°C		0 mL	--	--
Foam Stability - Second Seq. at 24°C		0 mL	--	--

REPORTED BY: [Signature]
 AUTHORIZED SIGNATORY



Rainbow Fu
 Customer Service
 1201202116240000162070 Page 2 of 2
 OGC-EN_REPORT-2017-07-11_v60e
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. No. 289 Fuzhou Road, Shanghai Chemical Industry Park, Shanghai, China, 201507
 OGC Shanghai Test Centre-Lube Lab

Member of the SGS Group | Société Générale de Surveillance

SGS

Report Date: 12/01/2021
 F600501 SGS TESTING & CONTROL SERVICES
 SINGAPORE PTE LTD
 3 Toh Tuck Link, #01-02/03
 Singapore
 SINGAPORE
 596228

Analysis Report: SO20-12951.002 Reissue: 3
 ** This Amended Report cancels and supersedes the Report No. SO20-12951.002 Dated 01/12/2020 Issued by SGS.

The sample to which the findings recorded herein relate was drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample. The Company accepts no liability with regard to the origin or source from which the sample is said to be extracted.

JOB ORDER NO.: OLASO2003711-01LO BOSS ORDER NO.: --
 CLIENT ID: L181034 PRODUCT DESCRIPTION: Engine Oil - EERSTA ACCEL EVEREX C3 5W-30

SAMPLE SOURCE: Supplied by Client
 SAMPLE TYPE: --
 ANALYSED: 18/11/2020 - 23/11/2020 RECEIVED: 16/11/2020
 CONTAINER: 1x1L Plastic Bottle COMPLETED: 23/11/2020

REPORT COMMENT: The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Kinematic Viscosity at 40°C	GB/T 265-88(2004)	69.17 mm ² /s	--	--
Kinematic Viscosity at 100°C	GB/T 265-88(2004)	12.06 mm ² /s	--	--
Viscosity Index	GB/T 1995-98(2004)	173 --	--	--
Water Content	GB/T 260-2016	Trace % (m/m)	--	--
Flash Point (Open Cup)	GB/T 3536-2008	230 °C	--	--
Pour Point	GB/T 3535-2006	-39 °C	--	--
Mechanical Impurities	GB/T 511-2010	NIL % (m/m)	--	--
CCS Apparent Viscosity at -30°C	GB/T 6538-2010	5760 mPa.s	--	--
Lubricating Oils, Foaming Characteristics Seq I	GB/T 12579-02(2004)			
Foam Tendency at 24°C		0 mL	--	--
Foam Stability at 24°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq II	GB/T 12579-02(2004)			
Foam Tendency at 93.5°C		10 mL	--	--
Foam Stability at 93.5°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq III	GB/T 12579-02(2004)			
Foam Tendency - Another Seq. at 24°C		0 mL	--	--
Foam Stability - Second Seq. at 24°C		0 mL	--	--

This document is only valid in its entirety and your attention is drawn to the Terms and Conditions on Page 1 of this report.

REPORTED BY: [Signature]
 AUTHORIZED SIGNATORY



Rainbow Fu
 Customer Service
 1201202116240000162070 Page 2 of 2
 OGC-EN_REPORT-2017-07-11_v60e
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. No. 289 Fuzhou Road, Shanghai Chemical Industry Park, Shanghai, China, 201507
 OGC Shanghai Test Centre-Lube Lab

Member of the SGS Group | Société Générale de Surveillance

SGS

Report Date: 12/01/2021
 F600501 SGS TESTING & CONTROL SERVICES
 SINGAPORE PTE LTD
 3 Toh Tuck Link, #01-02/03
 Singapore
 SINGAPORE
 596228

Analysis Report: SO20-12951.003 Reissue: 3
 ** This Amended Report cancels and supersedes the Report No. SO20-12951.003 Dated 01/12/2020 Issued by SGS.

The sample to which the findings recorded herein relate was drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample. The Company accepts no liability with regard to the origin or source from which the sample is said to be extracted.

JOB ORDER NO.: OLASO2003711-01LO BOSS ORDER NO.: --
 CLIENT ID: L181036 PRODUCT DESCRIPTION: Engine Oil - EERSTA ACCEL ENERVA C5 0W-20

SAMPLE SOURCE: Supplied by Client
 SAMPLE TYPE: --
 ANALYSED: 18/11/2020 - 23/11/2020 RECEIVED: 18/11/2020
 CONTAINER: 1x1L Plastic Bottle COMPLETED: 23/11/2020

REPORT COMMENT: The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Kinematic Viscosity at 40°C	GB/T 265-88(2004)	41.98 mm ² /s	--	--
Kinematic Viscosity at 100°C	GB/T 265-88(2004)	8.323 mm ² /s	--	--
Viscosity Index	GB/T 1995-98(2004)	179 --	--	--
Water Content	GB/T 260-2016	Trace % (m/m)	--	--
Flash Point (Open Cup)	GB/T 3536-2008	224 °C	--	--
Pour Point	GB/T 3535-2006	-45 °C	--	--
Mechanical Impurities	GB/T 511-2010	NIL % (m/m)	--	--
CCS Apparent Viscosity at -35°C	GB/T 6538-2010	5600 mPa.s	--	--
Lubricating Oils, Foaming Characteristics Seq I	GB/T 12579-02(2004)			
Foam Tendency at 24°C		0 mL	--	--
Foam Stability at 24°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq II	GB/T 12579-02(2004)			
Foam Tendency at 93.5°C		10 mL	--	--
Foam Stability at 93.5°C		0 mL	--	--
Lubricating Oils, Foaming Characteristics Seq III	GB/T 12579-02(2004)			
Foam Tendency - Another Seq. at 24°C		0 mL	--	--
Foam Stability - Second Seq. at 24°C		0 mL	--	--

End of Analytical Results

This document is only valid in its entirety and your attention is drawn to the Terms and Conditions on Page 1 of this report.

REPORTED BY: [Signature]
 AUTHORIZED SIGNATORY



Rainbow Fu
 Customer Service
 1201202116240000162070 Page 3 of 3
 OGC-EN_REPORT-2017-07-11_v60e
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. No. 289 Fuzhou Road, Shanghai Chemical Industry Park, Shanghai, China, 201507
 OGC Shanghai Test Centre-Lube Lab

Member of the SGS Group | Société Générale de Surveillance