

Report Date: 15/03/2024

Analysis Report: SO24-03717.001

CARGILL BIOINDUSTRIAL (SHANGHAI) CO., LTD
CHINA

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 367 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(s) and information was/were submitted and confirmed by the client or by a third party acting at the client's direction. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client. The findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample.

JOB ORDER NO. :	COLASOCH2400700-01LO	BOSS ORDER NO.:	--
SAMPLE SOURCE :	Supplied by Client	PRODUCT DESCRIPTION :	Gear Oil - SHELL 320
SAMPLE TYPE :	--		
SAMPLED :	--	RECEIVED :	09/03/2024
ANALYSED :	10/03/2024 - 15/03/2024	COMPLETED :	15/03/2024
CONTAINER:	1 Plastic Bottle	SAMPLE OBTAIN WAY:	Logistics delivery to SGS
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	ASTM D445-23	334.5 mm ² /s	--	--
Kinematic Viscosity at 100 °C	ASTM D445-23	41.59 mm ² /s	--	--
Cleveland Flash Point (Open cup)	ASTM D92-18	250 °C	--	--
Pour Point at 3°C Intervals	ASTM D5950-14	-45 °C	--	--

REPORTED BY

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

1503202415490000261870

Shuo Sun
Section Head

Page 1 of 8

OGC-EN-REPORT-2017-07-11_v60e

Report Date: 15/03/2024

CARGILL BIOINDUSTRIAL (SHANGHAI) CO., LTD
CHINA

Analysis Report: SO24-03717.002

The sample(s) and information was/were submitted and confirmed by the client or by a third party acting at the client's direction. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client. The findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample.

JOB ORDER NO. :	COLASOCH2400700-01LO	BOSS ORDER NO.:	--
SAMPLE SOURCE :	Supplied by Client	PRODUCT DESCRIPTION :	Gear Oil - FUCHS 320
SAMPLE TYPE :	--		
SAMPLED :	--	RECEIVED :	09/03/2024
ANALYSED :	10/03/2024 - 15/03/2024	COMPLETED :	15/03/2024
CONTAINER:	1 Plastic Bottle	SAMPLE OBTAIN WAY:	Logistics delivery to SGS
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	ASTM D445-23	305.9 mm²/s	--	--
Kinematic Viscosity at 100 °C	ASTM D445-23	39.89 mm²/s	--	--
Cleveland Flash Point (Open cup)	ASTM D92-18	250 °C	--	--
Pour Point at 3°C Intervals	ASTM D5950-14	-42 °C	--	--

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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

1503202415500000261870

Shuo Sun
Section Head

Page 2 of 8

OGC-EN_REPORT-2017-07-11_v60e

Report Date: 15/03/2024

CARGILL BIOINDUSTRIAL (SHANGHAI) CO., LTD
CHINA

Analysis Report: SO24-03717.003

The sample(s) and information was/were submitted and confirmed by the client or by a third party acting at the client's direction. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client. The findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample.

JOB ORDER NO. :	COLASOCH2400700-01LO	BOSS ORDER NO.:	--
SAMPLE SOURCE :	Supplied by Client	PRODUCT DESCRIPTION :	Gear Oil - MOBIL 320
SAMPLE TYPE :	--		
SAMPLED :	--	RECEIVED :	09/03/2024
ANALYSED :	10/03/2024 - 15/03/2024	COMPLETED :	15/03/2024
CONTAINER:	1 Plastic Bottle	SAMPLE OBTAIN WAY:	Logistics delivery to SGS
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	ASTM D445-23	248.1 mm²/s	--	--
Kinematic Viscosity at 100 °C	ASTM D445-23	31.18 mm²/s	--	--
Cleveland Flash Point (Open cup)	ASTM D92-18	260 °C	--	--
Pour Point at 3°C Intervals	ASTM D5950-14	-45 °C	--	--

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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

1503202415500000261870

Shuo Sun
Section Head

Page 3 of 8

OGC-EN_REPORT-2017-07-11_v60e

Report Date: 15/03/2024

CARGILL BIOINDUSTRIAL (SHANGHAI) CO., LTD
CHINA

Analysis Report: SO24-03717.004

The sample(s) and information was/were submitted and confirmed by the client or by a third party acting at the client's direction. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client. The findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample.

JOB ORDER NO. :	COLASOCH2400700-01LO	BOSS ORDER NO.:	--
SAMPLE SOURCE :	Supplied by Client	PRODUCT DESCRIPTION :	Gear Oil - CASTROL 320
SAMPLE TYPE :	--		
SAMPLED :	--	RECEIVED :	09/03/2024
ANALYSED :	10/03/2024 - 15/03/2024	COMPLETED :	15/03/2024
CONTAINER:	1 Plastic Bottle	SAMPLE OBTAIN WAY:	Logistics delivery to SGS
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	ASTM D445-23	332.5 mm²/s	--	--
Kinematic Viscosity at 100 °C	ASTM D445-23	39.88 mm²/s	--	--
Cleveland Flash Point (Open cup)	ASTM D92-18	248 °C	--	--
Pour Point at 3°C Intervals	ASTM D5950-14	-42 °C	--	--

----- 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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

1503202415500000261870

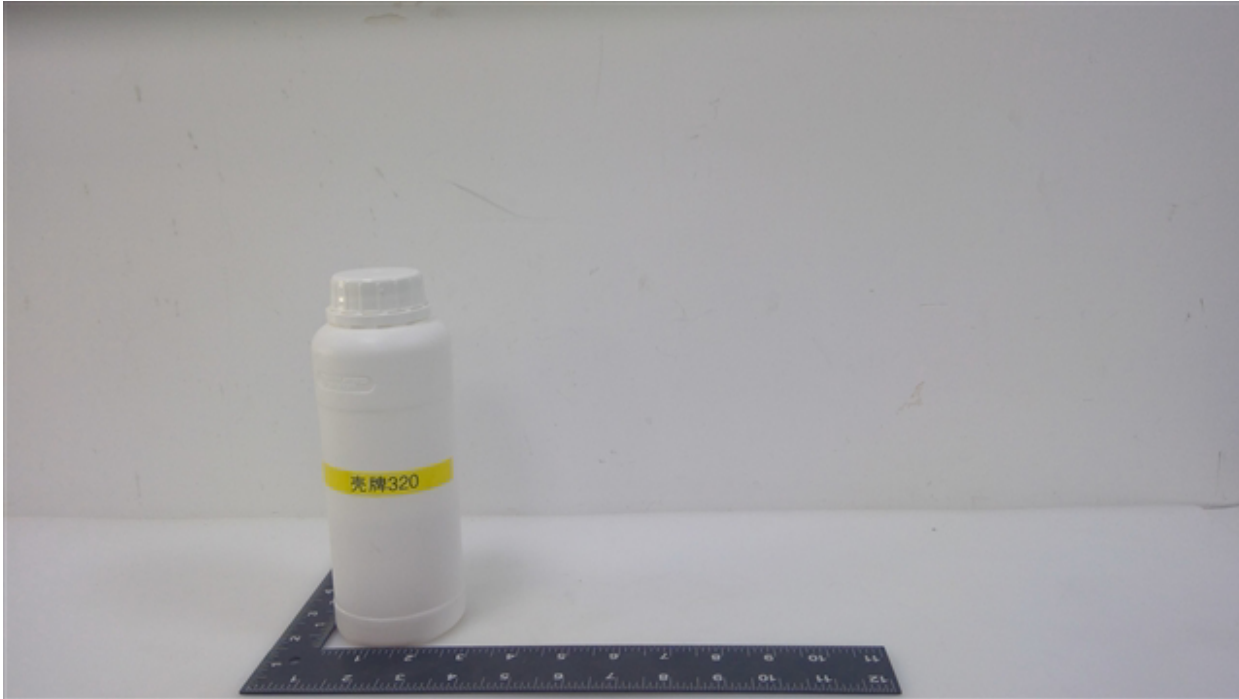
Shuo Sun
Section Head

Page 4 of 8

OGC-EN_REPORT-2017-07-11_v60e

APPENDIX

SO24-03717.001



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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

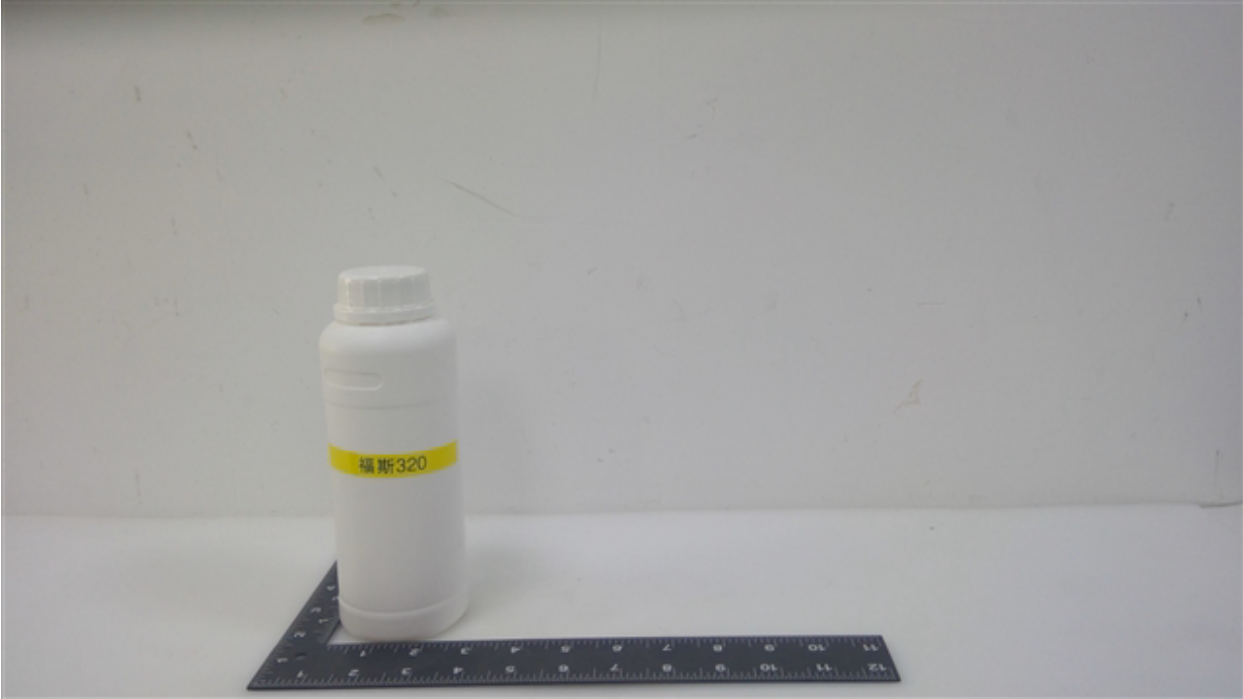
Shuo Sun
Section Head

1503202415500000261870

Page 5 of 8

OGC-EN_REPORT-2017-07-11_v60e

SO24-03717.002



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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

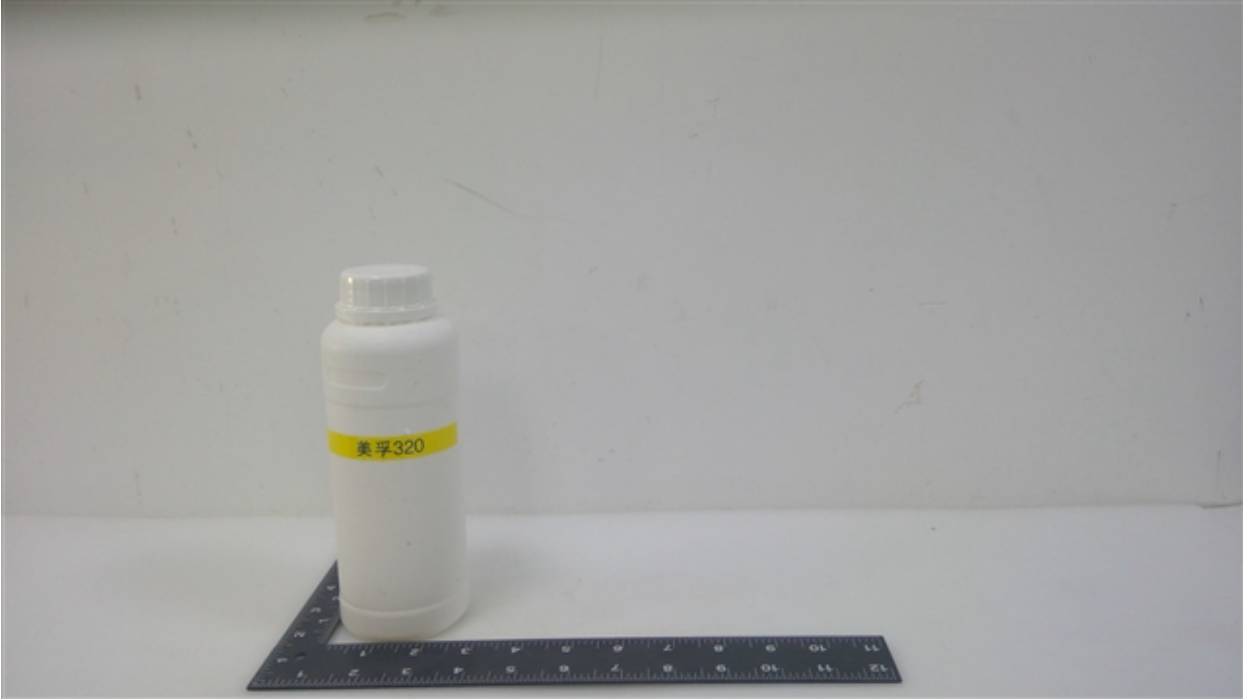
Shuo Sun
Section Head

1503202415500000261870

Page 6 of 8

OGC-EN_REPORT-2017-07-11_v60e

SO24-03717.003



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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

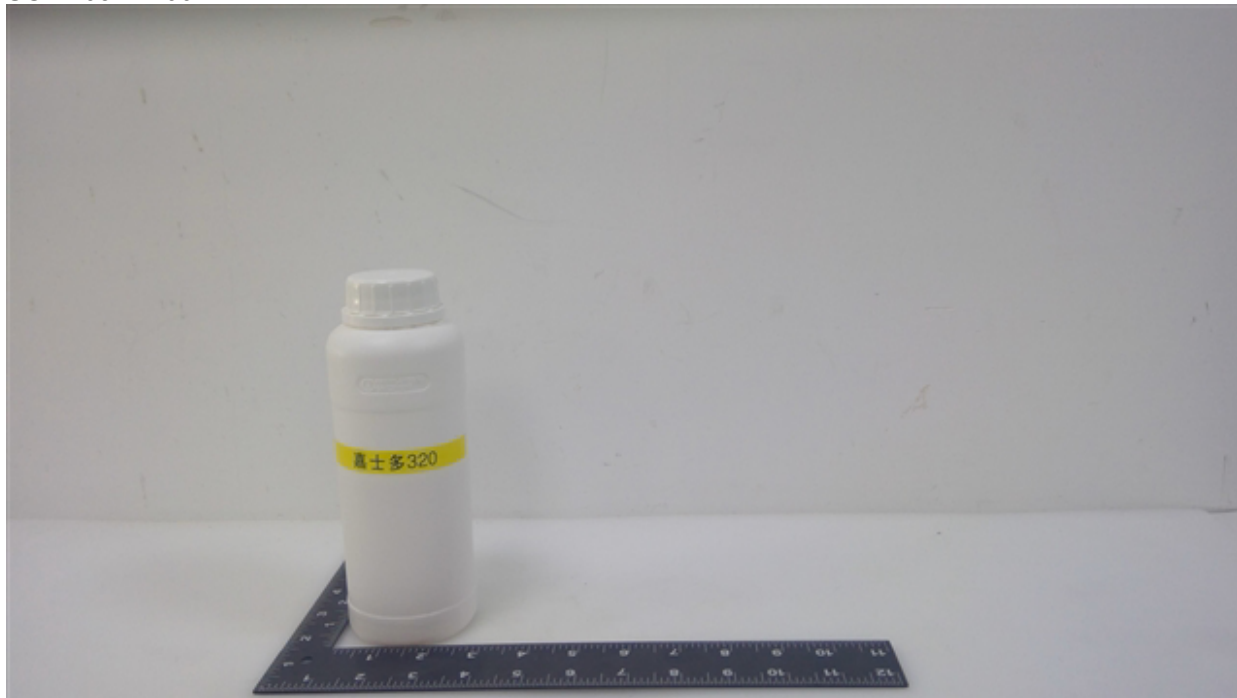
Shuo Sun
Section Head

1503202415500000261870

Page 7 of 8

OGC-EN_REPORT-2017-07-11_v60e

SO24-03717.004



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

AUTHORISED SIGNATORY

Rainbow Fu
Customer Service

Shuo Sun
Section Head

1503202415500000261870

Page 8 of 8

OGC-EN_REPORT-2017-07-11_v60e