

Report Date: 12/11/2021

Analysis Report: SO21-15539.001

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 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. :	COLASOTJ2101857-01LO	BOSS ORDER NO.:	--
CLIENT ID :	jd-2021-10-20	PRODUCT DESCRIPTION :	Heat Transfer Oil - 氢化三联苯导热油
SAMPLE SOURCE :	Supplied by Client	RECEIVED :	27/10/2021
SAMPLE TYPE :	--	COMPLETED :	12/11/2021
SAMPLED :	--		
ANALYSED :	27/10/2021 - 12/11/2021		
CONTAINER:	1×1L Aluminum Bottle		
REPORT COMMENT :	Specifications were provided by client. 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
Appearance	Visual	Light yellow --- transparent liquid	--	--
Kinematic Viscosity at 0°C	GB/T 265-88(2004)	1244 mm ² /s	--	--
Kinematic Viscosity at 40°C	GB/T 265-88(2004)	30.27 mm ² /s	--	40
Kinematic Viscosity at 100°C	GB/T 265-88(2004)	4.019 mm ² /s	--	--
Water Content	SH/T 0246-1992(2004)	68 mg/kg	--	500
Acid Number	GB/T 7304-2014	0.03 mg KOH/g	--	0.05
Flash Point (Close Cup)	GB/T 261-2008(Pro. A)	164.0 °C	100	--
Flash Point (Open Cup)	GB/T 3536-2008	188 °C	--	--
Autoignition Temperature of Petroleum & Petro Chemicals	SH/T 0642-1997(2004)			
Autoignition Temperature		360 °C	350	--
Sulfur Content	SH/T 0689-2000	0.00013 % (m/m)	--	0.2
Total Chlorine	GB 23971-2009(App. B)	<1 mg/kg	--	20
Copper Corrosion 3hrs at 100°C	GB/T 5096-2017	1a ---	--	1
Water Soluble Acids and Alkalies (Indicator Method)	GB/T 259-88(2004)	NIL ---	--	--
Pour Point	GB/T 3535-2006	-27 °C	--	--
Density at 20°C	SH/T 0604-2000	1003.0 kg/m ³	--	--
Ash	GB/T 508-85(2004)	<0.001 % (m/m)	--	--
Distillation by GC	NB/SH/T 0558-2016			
IBP		230.0 °C	--	--
Distillation of petroleum products at Atmospheric Pressure	GB/T 6536-2010			

REPORTED BY

AUTHORISED SIGNATORY



Rainbow Fu
Customer Service

1211202114320000182434

SGS-CSTC Standards Technical Services (Shanghai)
Co., Ltd

OGC Shanghai Test Centre-Lube Lab

No.88 Pugong Road, Shanghai Chemical Industry Park, Shanghai, China, 201507

Page 1 of 2

OGC-EN_REPORT-2017-07-11_v60e

Member of the SGS Group (Société Générale de Surveillance)

Report Date: 12/11/2021

Analysis Report: SO21-15539.001

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
2% Recovered at Micro Carbon Residue	GB/T 17144-1997(2004)	335.6 °C 0.01 % (m/m)	--	-- 0.05

-----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

AUTORISED SIGNATORY

Rainbow Fu
Customer Service

1211202114320000182434

SGS-CSTC Standards Technical Services (Shanghai)
Co., Ltd

OGC Shanghai Test Centre-Lube Lab

No.88 Pugong Road, Shanghai Chemical Industry Park, Shanghai, China, 201507

Page 2 of 2

OGC-EN_REPORT-2017-07-11_v60e