



TEST REPORT

ISSUED BY:	Technical Affairs Department	TEST REPORT No.:	23/002
DATE OF ISSUE:	Jan. 30, 2022	REF. NUMBER:	D23-016
SAMPLE IDENTIFICATION:	Base Oil SN 70	SOURCE:	Barchi Petrochemicals
DATE SAMPLE RECEIVED:	Jan. 26, 2023	CUSTOMER:	Barchi Petrochemicals Ltd.
NUMBER OF SAMPLES:	1	TESTING DATE:	Jan. 29 - 30, 2023

RESULTS OF ANALYSIS

Sr.	PARAMETER, UNIT	TEST METHOD	RESULT
1	Appearance (from 15°C to 25°C)	Visual	Colourless liquid.
2	Color	ASTM D1500	6
3	Odor	ASTM D1209	Characteristic
4	Specific Gravity, @ 20°C	ASTM D 4052	0.881
5	Density @ 15°C, (g/cm3)	ASTM D4052	0.882
6	Flash point, °C	ASTM D-93	170
7	Pour Point, °C	ASTM D97	Above -10
8	Solubility (% by weight in water)	ASTM E1148	< 0.1
9	Kinematic viscosity at 40°C	ASTM D445	10
10	Kinematic viscosity at 100°C		2.1
11	Distillation Range, °C		-
12	Initial Boiling Point (IBP)		295.5
13	5%		315.5
14	10%		307.5
15	20%		314.5
16	30%		319.5
17	40%		323.5
18	50%		329.0
19	60%		334.0
20	70%		340.5
21	80%		348.5
22	90%		359.0
23	97%		369.0
24	Final Boiling Point (FBP)		371.0
25	Recovery		98.1
26	Residue		1.5%
27	Loss		0.4%

Remarks:

- Sampled by Client.

End Report

Khaled N. Alhashimi
Technical Affairs Department Manger



Done by
Quality Assurance Laboratory

