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Estd. Since 1978

Bharat Oil Company (I) Regd.

Recycling & Incineration of Hazardous Wastes

ISO 9001-2015



Lube Oil Re-Refining
& Wholesale of
Industrial Lubricating Oils

Hazardous
& E-Waste
Management

Incineration,
Pre-Processing
of Waste

WTS™ - Enterprise
Waste Tracking &
Management Software

Regd with
Moe&CC / CPCB
as Recycler & Reprocessor

Authorised by UPPCB,
for Lube Oil Recycling,
HW & E-Waste Management

SEPL™ - NABL Accredited Laboratory for Testing of Air,
Water, Soil, Hazardous Waste / Sludge / Slurry / Soil
/ Sediments / Chemicals/Materials

TEST REPORT

Report No.:	BOC/GZB/00000113/02/25		
Type of Report:	Comprehensive Analysis	Date of Report:	09/02/2025
Name of Client:	Bharat Oil Company (I) Regd.	Sample Rcvd on:	05/02/2025
Sample Description/Code:	BOC-101/RRBO-L-LS/02/25	Address of Client:	E-18 Site-4 Sahibabad Industrial Area Ghaziabad (U.P)
Sampling plan and procedure:	-----	Sample Quantity:	2.0 Liter
Sample Collected By:	By Client	Contact Details of Client:	---
Sample Condition:	Packed in PVC Container	Date of Sampling:	05/02/2025
Analysis Start date:	05/02/2025	Analysis end date:	09/02/2025

COMPREHENSIVE TEST ANALYSIS

Sr No.	PARAMETER	UNIT	TEST METHOD	RESULT	SPECIFICATION		
					RR-L (LS)	RR-M (LS)	RR-H (LS)
a)	Appearance	--	Visual	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
b)	Odour ^a	--	Smell	Nil	NS	NS	NS
i)	Colour ASTM, Max	ASTM	ASTM D-1500	2.0	2.0	3.5	4.0
ii)	Flash Point °C, Min	°C	ASTM D- 92	206	200	210	210
iii)	Pour Point °C, Max	°C	ASTM D- 97	-3	-3	-3	0
iv)	Kinematic Viscosity at 40 °C	mm ² /s	ASTM D- 445	30.52	29-35	42-50	62-74
v)	Kinematic Viscosity at 100 °C	mm ² /s	ASTM D- 445	5.4	To Report	To Report	To Report
vi)	Viscosity Index, Min	--	ASTM D-2270	99	95	95	95
vii)	Total Acid Number, Max	mg KOH/g	ASTM D-664	<0.05	0.05	0.05	0.05
viii)	Strong Acid Number, Max	mg KOH/g	ASTM D-664	Nil	Nil	Nil	Nil
ix)	Sulphur % by mass	%	ASTM D-129	0.11	<0.2	<0.2	<0.2
x)	Saturates % by mass, Min	%	ASTM D2007/D7419	81.20	80	80	80
xi)	Copper Strip Corrosion at 100 °C For 3Hrs. Max	--	ASTM D-130 (IS 1448 part 15)	1a	1a	1a	1a

Regd. & Sales/Corporate Office:
Building No. 11, LGF, Community Centre,
East of Kailash, New Delhi - 110065, India
Ph : 011-41000710, 26210205, 26216466

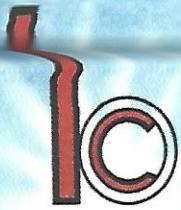
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WASTE
TRACKING &
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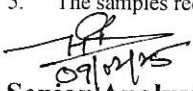
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xiii)	Foaming Test, ml/ml, <i>Max</i>	ml/ml	ASTM D-892	--			
	a) Sequence - 1	ml/ml	ASTM D-892	20 /Nil	20/Nil	20/Nil	20/Nil
	b) Sequence - 2	ml/ml	ASTM D-892	50/Nil	50/Nil	50/Nil	50/Nil
	c) Sequence - 3	ml/ml	ASTM D-892	20 /Nil	20/Nil	20/Nil	20/Nil
xiv)	Water Separability Demulsibility @ 54 °C, (O-W-E), minutes <i>Max</i>	ml	ASTM D-1401 (IS-1448 Part 91)	40-38- 2(20)	40-37-3(20)	40-37-3(20)	40-37-3(20)
xv)	Density @15 °C ,	gm/ml	ASTM D-1298	0.872	To Report	To Report	To Report
xvi)	Calcium Content % by mass, <i>Max</i>	%	ASTM D5185	<0.0005	0.0005	0.0005	0.0005
xvii)	Phosphorous content, % by mass, <i>Max</i>	%	ASTM D5185	<0.001	0.001	0.001	0.001
xviii)	Silica content, % by mass, <i>Max</i>	%	ASTM D5185	<0.0005	0.0005	0.0005	0.0005
xix)	Other trace metals, % by mass, <i>Max</i>	%	ASTM D5185	<0.0005	0.0005	0.0005	0.0005
xx)	PCA Content,	% m/m	IP 346	1.58	<3	<3	<3
xxi)	Carcinogenicity, mutagenicity index (ml), <i>Max</i>	ml	ASTM E1687	Nil	To Report	To Report	To Report
xxii)	Conradson Carbon Residue % Weight, <i>Max</i>	%	ASTM D-189	0.06	0.1	0.1	0.1

a – NS (Not Specified is BIS 18722 (Part 1):2024, April, 2024)

Note:

- The report pertains to the sample tested only.
- This report shall not be used or produced in fragments.
- This report shall not be used for any other purpose than declaration by the sponsor.
- This report should not be used for legal purposes under any circumstances.
- The samples received shall be destroyed after 15 days from the date of test report issued.


Senior Analyst


Authorized Signatory

...End of Report.....

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