



# Bharat Oil Company (I) Regd.

Recycling & Incineration of Hazardous Wastes

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  
MoeF&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/0000074/01/25		
Type of Report:	Comprehensive Analysis	Date of Report:	17/01/2025
Name of Client:	Bharat Oil Company (I) Regd.	Sample Rcvd on:	10/01/2025
Sample Description/Code:	BOC-103/RRBO-M-LS/01/25	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:	10/01/2025
Analysis Start date:	10/01/2025	Analysis end date:	17/01/2025

### 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 <sup>a</sup>	--	Smell	Nil	NS	NS	NS
i)	Colour ASTM, Max	ASTM	ASTM D-1500	3.1	2.0	3.5	4.0
ii)	Flash Point °C, Min	°C	ASTM D- 92	218	200	210	210
iii)	Pour Point °C, Max	°C	ASTM D- 97	-3	-3	-3	0
iv)	Kinematic Viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D- 445	44.36	29-35	42-50	62-74
v)	Kinematic Viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D- 445	6.5	To Report	To Report	To Report
vi)	Viscosity Index, Min	--	ASTM D-2270	95.07	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	0.16	<0.2	<0.2	<0.2
x)	Saturates % by mass, Min	%	ASTM D2007/D7419	81.47	80	80	80
xi)	Copper Strip Corrosion at 100 °C For 3Hrs. Max	--	ASTM D-130 (IS.1448 part 15)	1a	1a	1a	1a
xii)	Water Content (Crackle Test)	%	ASTM D95/	Negative	Negative	Negative	Negative

Regd. & Sales/Corporate Office:

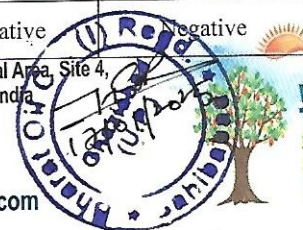
Building No. 11, LGF, Community Centre,  
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Facilities:

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Ghaziabad - 201010, UP, India



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Email : sales@bharatoil.com, Website : www.bharatoil.com



WASTE TRACKING & MANAGEMENT SOFTWARE WTS™



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ISO 9001-2015



Quality Certified Company

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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	0.877	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	1.53	<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	0.072	0.1	0.1	0.1

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

Note:

1. The report pertains to the sample tested only.
2. This report shall not be used or produced in fragments.
3. This report shall not be used for any other purpose than declaration by the sponsor.
4. This report should not be used for legal purposes under any circumstances.
5. 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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