



"Passionately Protecting Mother-Nature since 1978"

Estd. Since 1978

# Bharat Oil Company (I) Regd.

Recycling & Incineration of Hazardous Wastes

ISO 9001-2015

★★★★★

Quality Certified Company

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/00000102/04/25		
Type of Report:	Comprehensive Analysis	Date of Report:	09/04/2025
Name of Client:	Bharat Oil Company (I) Regd.	Sample Rcvd on:	04/04/2025
Sample Description/Code:	BOC-105/RRBO-H-LS/12/24	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:	04/04/2025
Analysis Start date:	04/04/2025	Analysis end date:	09/04/2025

### 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, <i>Max</i>	ASTM	ASTM D-1500	3.6	2.0	3.5	4.0
ii)	Flash Point °C, <i>Min</i>	°C	ASTM D- 92	215	200	210	210
iii)	Pour Point °C, <i>Max</i>	°C	ASTM D- 97	0	-3	-3	0
iv)	Kinematic Viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D- 445	70.50	29-35	42-50	62-74
v)	Kinematic Viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D- 445	8.8	To Report	To Report	To Report
vi)	Viscosity Index, <i>Min</i>	--	ASTM D-2270	97	95	95	95
vii)	Total Acid Number, <i>Max</i>	mg KOH/g	ASTM D-664	<0.05	0.05	0.05	0.05
viii)	Strong Acid Number, <i>Max</i>	mg KOH/g	ASTM D-664	Nil	Nil	Nil	Nil
ix)	Sulphur % by mass	%	ASTM D-129	0.14	<0.2	<0.2	<0.2
x)	Saturates % by mass, <i>Min</i>	%	ASTM D2007/D7419	82.41	80	80	80
xi)	Copper Strip Corrosion at 100 °C For 3Hrs. <i>Max</i>	--	ASTM D-130 (IS 1448 part 15)	1a	1a	1a	1a
xii)	Water Content (Crackle Test)	%	ASTM D95/Regd. & Sales/Corporate Office:	Negative	Negative	Negative	Negative

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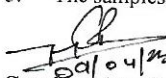
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xiii)	Foaming Test, ml/ml, <i>Max</i>	ml/ml	ASTM D-892	--			
	a) Sequence - 1	ml/ml	ASTM D-892	20 /Nil	20/Nil	20/Nil	20/Nil
	b) Sequence - 2	ml/ml	ASTM D-892	50/Nil	50/Nil	50/Nil	50/Nil
	c) Sequence - 3	ml/ml	ASTM D-892	20 /Nil	20/Nil	20/Nil	20/Nil
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	0.877	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	1.72	<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	0.064	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.

  
 09/04/2025  
**Senior Analyst**

  
**Authorized Signatory**

...End of Report.....



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