

Beirut October 7th, 2019

BO-1019/DSC 011

Environmental Disclosure
Hazardous Waste
Sector's Broad-Spectrum Overview

Subject: Liquid Petroleum Waste Residues**To: Producers Of Used Motor & Hydraulic Oils****1- Introduction**

1.a As the Lebanese Ministry of Environment is intensifying its authority over the environmental situations in Lebanon and as it is initially focusing on the vastly damaging waste sectors, Boosters SAL. is hereby disclosing the anticipated regulations in relation to the Used Motor & Hydraulic Oils Waste Management procedures.

1.b Beforehand Boosters SAL. commercial purpose is the treatment of the Used Motor & Hydraulic Oils in accordance to the environmental regulations and guidelines. (Limited To Preparation For Reuse-reclamation & Reformation and in no means referred to as Re-refining). Boosters SAL also is the proprietor of a treatment unit Located in Burj Hammoud – Mount Lebanon as stated on the Ministry Of Environment Endorsement Certificate. Refer to <http://boosterssal.com/Assets/Docs/Boosters%20SAL.%20MOE%202019%20-%202020%20Endorsement%20Certificate%2030-09-2019.pdf>

N.B.: UMHO – Regulated Segments (Universal)

The Procedures Regulations Hierarchy As Per GEIR (Groupement Européen de l'Industrie de la Régénération) website <https://www.geir-rerefining.org/>. are as follows:

A) Onsite & Offsite Handling – B) Storage – C) Transportation.

The Treatments Regulations Hierarchy As Per GEIR (Groupement Européen de l'Industrie de la Régénération) website <https://www.geir-rerefining.org/>. are as follows:

A) Preparation For Reuse – B) Re-refining – C) Renewable Energy – D) Disposal & Discharge.

See also diagram <https://ec.europa.eu/environment/waste/framework/>

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2.a Producers: Every private or commercial entity that engages in the production of Used Engine or Hydraulic Oils. (Refer to sectors as Ministry Of Environment Circular 1318 / B dated 15-5-2018)
<http://boosterssal.com/Assets/Docs/MOE%20Guidelines%20Circular%20-%20MOIM%2015-5-2018.pdf>

2.b Uniform Guidelines & Regulations: Key general regulated directives as commended by the Ministry Of Environment Circular 1318 / B dated 15-5-2018 (refer to Ordinance Clauses 1 – 2 – 3)
<http://boosterssal.com/Assets/Docs/MOE%20Guidelines%20Circular%20-%20MOIM%2015-5-2018.pdf>

2.c Treatment Guidelines: Commonly & Universally Synchronized and passable after treatment specifications composition and configuration consisting of Environmentally damaging ingredients such as –
a) Heavy Metals as pb - b) Sulfur Content - c) Sediment Content - d) Ash Content - e) Carbon Content (refer to Michigan State EPA Directive https://www.michigan.gov/documents/deq/deq-wmrpd-hws-Used_Oil_Webinar_Notes_w_Correction_559723_7.pdf)

3- Lebanese Environmental Laws & Regulations

3.a Environmental Protection Act – Law 444/2002 refer to
<http://boosterssal.com/Assets/Docs/Environmental%20Protection%20Act%20-%20Law%20444%20-%202002.pdf>

3.b Council Ministers Decision 45 – 01-11-2018 refer to
<http://boosterssal.com/Assets/Docs/Council%20Of%20Ministers%20Decision%2045%20-%202011-1-2018.pdf>

3.c Air Quality Pollution Protection Act – law 78 refer to <http://www.moe.gov.lb/> Law 78

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3.d Polluting Hazardous & Dangerous Wastes Environmental Protection Law refer to

<http://www.moe.gov.lb/> Law 64 (clause 7 & 8)3.e Ministry Of Environment Jurisdiction and Authority refer to <http://www.moe.gov.lb/> Law 216

3.f Ministry Of Interior and Municipalities Circular No. 11780 refer to

<http://boosterssal.com/Assets/Docs/Ministry%20Of%20Interior%20&%20Municipalities%20Circular%2011780%20-%202025-07-2018.pdf>**4- Implementation & Preventive Measures To Be Executed (ONLY HAZARDOUS & DANGEROUS WASTE)****4.a Industrial Sector Classified I1 & I2 – Audits & Surveys**

-Internal & External Environmental Audit For Industries Categories 1 & 2 (Could Be Substituted By Surveys To Be Conducted Through Professional Entities & Through Regulated Implementation).

4.b Commercial & Industrial Sector Classified I3, I4 & I5 – Audits & Surveys

-Internal & External Environmental Inspection & survey For Commercial & Industrial Sector Classified I3, I4 & I5 (Onsite & Offsite Inspections & Surveys Shall Be Conducted On Behalf Of The Waste Producing Commercial & Industrial Entity & In Accordance To The Adopted Waste Stream Disposal Framework And Date Validity).

5- Handling & Storage (ONLY HAZARDOUS & DANGEROUS WASTE)

5.a Storage Regulations Shall Be Specified By The Environmental Audit And/Or Surveys & Inspections.

5.b Handling - Storage Fundamental Aspects & Features Are As Follows:

-Location – Pathways & Accesses – Storage Tanks Status – Inlets & Outlets Safety Connections & Lids-
Level Of Settled Sediments – Fire & Electrical Hazardous – Human Exposure – Disposal Method.

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7.1 Transportation Shall Be Performed By Recognized & Reliable Parties (Liability & Competence)

7.2 Tracking Shall Be Well Defined & All Inclusive (Liability Wavering & Conjecture)

7.3 Recording Shall Encompass All Inclusive Waste Stream Discharge (Endorsed & Official Documents)

7- Treatment & Disposal

8.a Treatment Shall Be Conducted In Accordance To The Environmental Laws & Regulations Set By The Local Authorities And In Compliance With The Applicable International Treaties Refer to

<http://boosterssal.com/Assets/Docs/Environmental%20Protection%20Act%20-%20Law%20444%20-%202002.pdf>

8.b Boosters SAL Used Motor & Hydraulic Oil Treatment OFFICIAL ENVIRONMENTAL ENDORSEMENT CERTIFICATE (valid through 31-12-2020). Refer to

<http://boosterssal.com/Assets/Docs/Boosters%20SAL.%20MOE%202019%20-%202020%20Endorsement%20Certificate%2030-09-2019.pdf>

To Access Boosters SAL & Collaborating Entities For Services Allocation & Accommodation For Your Hazardous & Dangerous Waste Management & Disposal Refer to

<http://boosterssal.com/Assets/Docs/Services%20-%20subservices.pdf>**Sincerely****Boosters Sal / Proxy GM****Victoria Carole Salem**