

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # ARP001025

A. LEGAL NAME & MAILING ADDRESS
 Hino Motors Manufacturing USA
 100 Hino Blvd
 Marion, AR 72364

B. FACILITY & LOCATION ADDRESS
 Hino Motors Manufacturing USA
 100 Hino Blvd
 Marion, AR 72364

C. FACILITY CONTACT: Jerrel Moore

TELEPHONE NUMBER: 870-702-3094

e-mail: jerrel.moore@hmmusa.com

(2) REPORTING PERIOD—FISCAL YEAR From _____ to _____ (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

January & June

B. PERIOD COVERED BY THIS REPORT

FROM: January 2018

TO: June 2018

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electro less Plating
- Anodizing
- Coating (conversion)
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

N/A

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

The following process has been removed from the Wastewater Discharge.

Side Rails” for Hino trucks are brought in as cold rolled steel “strips” that are stamped into blanks. They’re formed into “C” channels (side rails), sent through a straightening machine, placed on a conveyor for further laser hole cutting, drilling, tapping then shot blasted. The side rails are then sent through a typical 7 stage phosphating “wash”. The side rails are conveyed through a hot water spray “pre-degreasing” booth (132 gals) followed by a caustic degreasing (sodium Hydroxide) spray booth (185 gals) stage; then to two (2) fresh water spray booths (212 gals total); then parts are sent through a hexafluorozirconic acid (conversion coating) spray booth (370 gals) prior to 2 RO water spray booths (264 gals total). The side rails are air dried or sent through a dry off oven then sent through a curing a curing oven. All tanks in the side rail process are discharged

*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

C. Number of Regular Employees at this Facility 820	D. [Reserved] N/A

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge*
Regulated (Core &)	428.45		Month
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal per person		Continuous
Total Flow to POTW	23,025.96		Continuous/Batch

*If batch discharged please list the period of time of each batch discharge (300 gallons/day; 500 gallons/week, 2,000 gallons/3 months, etc Do not normalize over that period for the average flow.
 **"Unregulated" has a precise legal meaning; see 40 CFR403.6 (e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other Filter Press
- None

B. COMMENTS ON TREATMENT SYSTEM

The regulated process waste is not mixed with Sanitary Waste at the time of metering.

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

40 CFR 433.17 Pollutant(mg/l) limits	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.002	<0.005	0.013	<0.006	0.81	<0.005	0.092	<0.005	*
Avg Measured**									*

Sample Location Pretreatment Discharge Tank

Sample Type (Grab* or Composite) Grab

*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 7 Samples taken semi-annual

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

**A value here is the average of all samples taken during one (1) calendar month regardless of number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

(6) CERTIFICATION (ONLY IF A TOMP HAS BEEN SUBMITTED/APPROVED BY ADEQ)

B. CHECK ONE: 433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED 433.12(a) TTO CERTIFICATION PROVIDED

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

* 6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservation:

1. A Hino Motors Manufacturing Arkansas Plant Pollution Prevention Project to install an Oil and Water Separator project is currently in the process of being completed. The project will include treating the wastewater itself which includes free floating oil removal, equalization, and chemical pre-treatment, physical separation with a Dissolved Air Floatation (DAF) system. The DAF is widely used for separating solids, fats, oil, and grease from a waste stream. In the process, pressurized water is saturated with dissolved air and is discharged into a flotation vessel. The microscopic air bubbles attaches to solids and float them to the surface, forming a sludge blanket. A scraping assembly skims the sludge off the surface of the water and into a sump. From the sump, sludge is pumped to dewatering equipment. The treated water flows from the OAF vessel for discharge or on to other treatment processes. See attached for the new Oil and Water Separator flow

2. _____

3. _____


4. _____

(8) GENERAL COMMENTS

(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(i)

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Harold Johnson
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE


SIGNATURE

Senior Vice President / PLANT Manager
OFFICIAL TITLE

6/25/18
DATE SIGNED

6/22/2018

Safety-Kleen
Mr. Tim Vandergriff
3536 Fite Road
Millington, TN, 38053

Ref: Analytical Testing
Lab Report Number: 18-164-0249
Client Project Description: Hino
Discharge Tank

Dear Mr. Tim Vandergriff:
Waypoint Analytical, Inc. received sample(s) on 6/13/2018 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

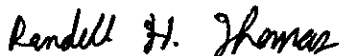
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180-11-6	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	





2790 Whitten Road, Memphis, TN 38133
 Main 901.213.2400 ° Fax 901.213.2440
 www.waypointanalytical.com

05140
 Safety-Kleen
 Mr. Tim Vandergriff
 3536 Fite Road
 Millington , TN 38053

Project Hino
 Information : Discharge Tank

Report Date : 06/22/2018
 Received : 6/13/2018

Randell H. Thomas

Report Number : 18-164-0249

REPORT OF ANALYSIS

Randy Thomas
 Project Manager

Lab No : 97193

Matrix: Aqueous

Sample ID : Discharge Tank Wastewater

Sampled: 6/12/2018 16:30

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	8.5	s.u.		1	06/14/18 16:40	KM2	4500H+B-2011
Cadmium	<0.0020	mg/L	0.0020	1	06/21/18 18:15	BKN	EPA-200.7
Chromium	<0.005	mg/L	0.005	1	06/21/18 18:15	BKN	EPA-200.7
Copper	0.013	mg/L	0.005	1	06/21/18 18:15	BKN	EPA-200.7
Lead	<0.006	mg/L	0.006	1	06/21/18 18:15	BKN	EPA-200.7
Nickel	0.081	mg/L	0.005	1	06/21/18 18:15	BKN	EPA-200.7
Silver	<0.005	mg/L	0.005	1	06/21/18 18:15	BKN	EPA-200.7
Zinc	0.092	mg/L	0.010	1	06/21/18 18:15	BKN	EPA-200.7

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Cooler Receipt Form

Customer Number: **05140**
 Customer Name: **Safety-Kleen**
 Report Number: **18-164-0249**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

For Laboratory Use Only

Client Name/Address
Safety-Kleen
3536 Eate Rd
Milledgeville TN

Client Project Manager/Contact
Tim Vandeyt
Project/Site Location (City/State)
100 Hino Blvd
Merion AR 72364

Billing Information
3536 Eate Rd
Milledgeville TN 38053



18-164-0249
05140
06-13-2018
10:55:40

Method
 Fed
 Col
Other

Project Manager Email
Tim.Vandeyt@Safety-Kleen.com

Project Number
HINO

Site/Facility ID #

Purchase Order Number
000363137

Comments/Notes
Cool <= 10C Na2S2O3 (Micro Only)
Cool <= 6C
H2SO4 pH<2
None Required
NaOH pH>10
HNO3 pH<2
HCL pH<2
H3PO4 pH<2
Cool <= 6C Na2S2O3

Project Manager Phone #
901-355-1490

Required Analysis / Preservative

Matrix (Refer to Key)

Number of Containers

Sample Identification
Unless noted, all containers per Table II of 40 CFR Part 136.

Date
6/12 4:30

Comments/Notes

(Grab or (C)omposite)

Time

Discharge Tank
Waste Water

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 233-2400

Client Remarks/Comments

Sampled by (Name - Print)
Tim Vandeyt

Relinquished by (SIGNATURE)
[Signature]

Relinquished by (SIGNATURE)
[Signature]

For Laboratory Use Only
Ice Custody Seals
Blank Cooler Temp
9.1°C 7/1

Received by: (SIGNATURE)
[Signature]

Received by: (SIGNATURE)
[Signature]

Received by: (SIGNATURE)
[Signature]

Date Time
6/12/18 10:00

Date Time
6-13-18 10:18



2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

6/14/2018

Safety-Kleen
Mr. Tim Vandergriff
3536 Fite Road
Millington, TN, 38053

Ref: Analytical Testing
Lab Report Number: 18-164-0250
Client Project Description: Hino
Discharge Tank

Dear Mr. Tim Vandergriff:
Waypoint Analytical, Inc. received sample(s) on 6/13/2018 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180-11-6	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	





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 www.waypointanalytical.com

05140
 Safety-Kleen
 Mr. Tim Vandergriff
 3536 Fite Road
 Millington , TN 38053

Project Hino
 Information : Discharge Tank

Report Date : 06/14/2018
 Received : 6/13/2018

Randell H. Thomas

Report Number : **18-164-0250**

REPORT OF ANALYSIS

Randy Thomas
 Project Manager

Lab No : **97194**
 Sample ID : **Discharge Tank**

Matrix: **Aqueous**
 Sampled: **6/12/2018 16:30**

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	06/14/18 13:00	EWB	4500CNE-2011

Qualifiers/ Definitions DF Dilution Factor ML Method Quantitation Limit

Cooler Receipt Form

Customer Number: **05140**
Customer Name: **Safety-Kleen**
Report Number: **18-164-0250**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

Environmental LLC Only



18-164-0250
05/14/18
06-13-2018
11:04:00

Safety-Kleen
Hino

Method:
 Fed
 Cour

Oil

Client Name/Address Safety Kleen 3536 Fite Rd Millington TN 38053	Client Project Manager/Contact Tim Vandeyk	Billing Information 3536 Fite Rd Millington TN 38053	Site/Facility ID #
Project Description Hino	Project/Site Location (City/State) 100 Hino Blvd Marion AR 72364	Special Detection Limit(s) Date Results Needed	Purchase Order Number 0000363131
Project Number DISCHARGE TANK	Project Manager Phone # 901-355-4900	Project Manager Email Tim.Vandeyk@Safety-Kleen.com	Other
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400	Number of Containers	Matrix (Refer to Key)	Required Analysis / Preservative
Date 6/12	Sample Identification Discharge Tank	(g)rab or (c)omposite X	Comments/Notes Cool < 10C NA2S2O3 (Micro Only) Cool <= 6C H2SO4 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 H3PO4 pH<2 Cool <= 6C NA2S2O3

For Laboratory Use Only		Client Remarks/Comments	
Ice Y/N	Custody Seals Y/N	Sampled by (Name - Print) Tim Vandeyk	Received by (SIGNATURE) [Signature]
Blank/Cooler Temp 1.7°C	Lab Comments	Relinquished by (SIGNATURE) [Signature]	Date Time 6/13/18 10:17
		Relinquished by (SIGNATURE) [Signature]	Date Time 6-13-18 10:17