## **Global Sustainability Scorecard Data**

Environmental Indicators					
Global Greenhouse Gas Emission	2018	2019	2020	2021	2022
Scope 1 CO2e emissions (Lubrizol's direct) in metric tons x 1,000	373	395	406	372	380
Scope 2 CO2e emissions (Lubrizol's indirect market-based) in metric tons x 1,000	394	384	358	363	361
Scope 1 and 2 CO2e emissions (market based) in metric tons x 1,000	767	779	764	735	741
Goal 20% reduction from 2018 baseline					
Percentage of goal achieved (negative number means increase rather than reduction)				21%	17%
Scope 1 and 2 CO2e emissions (market based) in metric tons per metric tons of Production	0.26	0.28	0.30	0.31	0.33
Percentage reduction (MT CO2e/MT Prod) from 2018	_				
Percentage reduction (negative number means increase rather than reduction)				-16%	-25%
Scope 1 and 2 CO2e emissions (market based) in metric tons per Million \$ of Revenue	113	122	129	114	111
Percentage reduction (MT CO2e/MM \$ of Revenue) from 2018					
Percentage reduction (negative number means increase rather than reduction)				-0.9%	1.5%
Clabel Francista	2010	2010	2020	2024	2022
Global Energy Use	2018	2019	2020	2021	2022
Energy Consumption in megawatt hours x 1,000	2,839	2,908	2,775	2,723	2,718
Percentage reduction MWh from 2018  Percentage reduction (pegative number means increase rather than reduction)				4.1%	4.3%
Percentage reduction (negative number means increase rather than reduction)  Energy Consumption in megawatt hours per metric ton of Production	0.98	1.06	1.08	1.14	1.2
Percentage reduction (MWh/MT Prod) from 2018	0.38	1.00	1.00	1.14	1.2
Percentage reduction (negative number means increase rather than reduction)				-16.3%	-22.4%
Energy Consumption in megawatt hours per Million \$ of Revenue	418	454	470	421	408
Percentage reduction (MWh/MM \$ of Revenue) from 2018	120	151	170	121	100
Percentage reduction (negative number means increase rather than reduction)				-0.9%	2.4%
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Global Waste Generation	2018	2019	2020	2021	2022
Waste Generated in metric tons x 1,000	142	144	131	126	130
Goal 10% reduction from2018					
Percentage of goal achieved (negative number means increase rather than reduction)				113.3%	80.9%
Waste Generated in metric tons per metric tons of Production	0.049	0.052	0.051	0.052	0.057
Percentage reduction (MT Waste/MT Prod) from 2018					
Percentage reduction (negative number means increase rather than reduction)				-7.5%	-17.3%
Percent of waste classified as hazardous (2022 Data) 36.6% - Disposal Method Percent Landfill 1	. 3%, Treatment	40.8%, Energy Reco	very 48.1%, Recycle,	/	
Percent of waste classified as non-hazardous (2022 Data) 63.4% - Disposal method percent Land			Recovery 3.5%, Recy		
Waste Generated in metric tons per Million \$ of Revenue	20.82	22.46	22.14	19.43	19.52
Percentage reduction (MT Waste/MM \$ of Revenue) from 2018	_				
Percentage reduction (negative number means increase rather than reduction)	<b>54604</b>	CE 00.4	65.444	6.7%	6.3%
Waste Disposed to Landfill in metric tons	54,631	65,024	65,414	58,506	71,666
Waste Disposed to Landfill in metric tons per metric ton of Production	0.019	0.024	0.025	0.024	0.032
Percentage reduction (MT Landfill/MT Prod) from 2018  Percentage reduction (negative number means increase rather than reduction)				-29.9%	-65.7%
recentage reduction (negative number means increase rather than reduction)				-23.370	-03.770
Global Water Usage	2018	2019	2020	2021	
Water Usage in cubic meters x 1,000	6,310	6,714		ZUZI	2022
Percentage reduction m3 from2018	0,010	٠,, ـ .	b./U5		<b>2022</b> 7.466
Percentage reduction (negative number means increase rather than reduction)			6,205	7,754	<b>2022</b> 7,466
			6,205	7,754	7,466
	al (Public) Supply	у	6,205		
Percent Withdrawal by Source (2022 Data) - Surface Water 6%, Groundwater (Well) 8%, Municip Water usage in cubic meters per metric tons of Production	al (Public) Supply 2.18	y 2.44	2.41	7,754	7,466
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Capital Expenditures (Millions)

Social Indicators					
Safety	2018	2019	2020	2021	2022
Lubrizol - Occupational Health & Safety Administration	1.10	0.99	0.66	0.70	0.60
OSHA - Recordable Injury Rate (Recordable)					
Ratio - Lubrizol Recordable Rate/American Chemistry Council Average Recordable Rate	1.49	1.36	1.02	1.01	0.81
OSHA - Lost Time Injury Rate (Lost Time)	0.42	0.44	0.34	0.33	0.27
Ratio - Lubrizol Lost Time Rate/American Chemistry Council Average Lost Time Rate	2.00	2.00	1.31	1.38	1.13
Lubrizol - Process Safety Incident Rate (PSIR)	0.06	0.05	0.06	0.10	0.08
Ratio - Lubrizol PSIR/ACC PSIR	0.63	0.60	0.55	0.94	1.07
Lubrizol - Process Safety Incident Severity Rate (PSISR)	0.15	0.33	0.09	0.75	0.28
Security	2018	2019	2020	2021	2022
Percentage Security Assessments (e.g. SVA) Completed manufacturing and labs	99%	96%	95%	95%	99%
Percentage Security Assessments (e.g. SVA) Completed All Facilities	76%	73%	87%	84%	86%
Diversity and Inclusion Global Gender					
Male		70%	70%	70%	70%
Female		30%	30%	30%	30%
US Race/Ethnicity					
American Indian or Alaskan Native		<1%	<1%	<1%	<1%
Asian		5%	5%	5%	6%
Black or African-American		7%	7%	7%	7%
Hispanic/Latino		11%	11%	12%	13%
Native Hawaiian or other Pacific Islander		<1%	<1%	<1%	<1%
White Two or More Races		74% 1%	74% 1%	74% 1%	71% 1%
TWO OF MICHES		176	170	170	170
U.S. Supplier Diversity	2018	2019	2020	2021	2022
	410.505	404.056	ĆEE 704	¢0.455	\$2,252
Minority business enterprise purchases (MBE)	\$40,685	\$34,356	\$55 <i>,</i> 704	\$9,155	<i>\$</i> 2,232
Women business enterprise purchases (MBE)  Women business enterprise purchases (WBE)					
	\$40,685	\$34,356	\$38,306	\$18,568	\$4,587
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is					
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Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data)  Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours.  Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics  Number of ethics contacts  Percentage of contacts resulting in disciplinary action  Compliance  Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies  Number of notices of violations exceeding \$100,000 issued by local agencies  Lubrizol Foundation (U.S. only) monetary grants (000's)	\$23,960 2.75% 2018 249 10% 2018 0 0 \$3,249,476	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  0  \$3,893,632	\$38,306 2.02% 2020 3,940 2020 208 9% 2020 0 0 \$2,596,648	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022  10,655  2022  122  10%  2022  0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data)  Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours.  Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics Number of ethics contacts Percentage of contacts resulting in disciplinary action  Compliance Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies Number of notices of violations exceeding \$100,000 issued by local agencies Lubrizol Foundation (U.S. only) monetary grants (000's) Lubrizol Foundation assets (000's)	\$23,960 2.75% 2018 249 10% 2018 0	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0	\$38,306  2.02%  2020  3,940  2020  208  9%  2020  0  0	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022 10,655  2022 122 10% 2022 0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data)  Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours.  Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics  Number of ethics contacts  Percentage of contacts resulting in disciplinary action  Compliance  Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies  Number of notices of violations exceeding \$100,000 issued by local agencies  Lubrizol Foundation (U.S. only) monetary grants (000's)  Lubrizol Foundation assets (000's)  Number of mid to large size non-profits in Northeast Ohio with Lubrizol employees on the	\$23,960 2.75% 2018 249 10% 2018 0 0 \$3,249,476	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  0  \$3,893,632	\$38,306 2.02% 2020 3,940 2020 208 9% 2020 0 0 \$2,596,648	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022  10,655  2022  122  10%  2022  0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data)  Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours.  Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics Number of ethics contacts Percentage of contacts resulting in disciplinary action  Compliance Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies Number of notices of violations exceeding \$100,000 issued by local agencies Lubrizol Foundation (U.S. only) monetary grants (000's) Lubrizol Foundation assets (000's)	\$23,960 2.75% 2018 249 10% 2018 0 0 \$3,249,476 \$11.5 Million	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  0  \$3,893,632  \$10.5 Million	\$38,306  2.02%  2020  3,940  2020  208  9%  2020  0  0  \$2,596,648  \$10.0 Million	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022 10,655  2022 122 10% 2022 0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data)  Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours.  Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics  Number of ethics contacts  Percentage of contacts resulting in disciplinary action  Compliance  Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies  Number of notices of violations exceeding \$100,000 issued by local agencies  Lubrizol Foundation (U.S. only) monetary grants (000's)  Lubrizol Foundation assets (000's)  Number of mid to large size non-profits in Northeast Ohio with Lubrizol employees on the	\$23,960 2.75% 2018 249 10% 2018 0 0 \$3,249,476 \$11.5 Million	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  0  \$3,893,632  \$10.5 Million	\$38,306  2.02%  2020  3,940  2020  208  9%  2020  0  0  \$2,596,648  \$10.0 Million	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022 10,655  2022 122 10% 2022 0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data) Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours. Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics Number of ethics contacts Percentage of contacts resulting in disciplinary action  Compliance Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies Number of notices of violations exceeding \$100,000 issued by local agencies Lubrizol Foundation (U.S. only) monetary grants (000's) Lubrizol Foundation assets (000's) Number of mid to large size non-profits in Northeast Ohio with Lubrizol employees on the boards	\$23,960 2.75% 2018 249 10% 2018 0 0 \$3,249,476 \$11.5 Million 64	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  0  \$3,893,632  \$10.5 Million  68	\$38,306  2.02%  2020  3,940  2020  208  9%  2020  0  0  \$2,596,648  \$10.0 Million  63	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0	\$4,587  1.00%  2022 10,655  2022 122 10% 2022 0 0
Women business enterprise purchases (WBE) [direct and indirect purchases (Thousands)] (2022 is certified data) Minority and women business enterprise purchases as a percentage of total purchases (2022 is certified data) Volunteerism *By 2028, Lubrizol will assist 2,028,000 people in the communities where we work and live by volunteering at least 80,000 hours. Recorded Volunteer Hours (17,117 Hours toward Global Goal)  Governance & Ethics Indicators  Ethics Number of ethics contacts Percentage of contacts resulting in disciplinary action  Compliance Number of notices of violations exceeding \$100,000 issued by U.S. Federal or foreign national agencies Number of notices of violations exceeding \$100,000 issued by local agencies Lubrizol Foundation (U.S. only) monetary grants (000's) Lubrizol Foundation assets (000's) Number of mid to large size non-profits in Northeast Ohio with Lubrizol employees on the boards  Economic Indicators	\$23,960  2.75%  2018 249 10% 2018 0 \$3,249,476 \$11.5 Million 64  2018	\$21,027  2.64%  2019  4,884  2019  227  13%  2019  0  \$3,893,632 \$10.5 Million  68  2019	\$38,306  2.02%  2020  3,940  2020  208  9%  2020  0  0  \$2,596,648  \$10.0 Million  63  2020	\$18,568  3.14%  2021 10,181  2021 181 5% 2021 0 0	\$4,587  1.00%  2022 10,655  2022 122 10% 2022 0 0

\$488

\$346

\$240

\$227

\$286