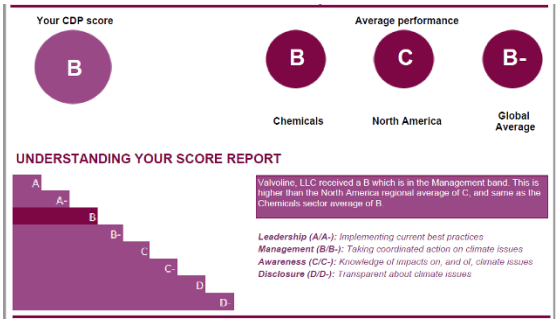
Greenhouse Gas (GHG) Emission and Energy Management

Valvoline understands the significant impact we can have on our environment. Through sustainability initiatives, such as striving to reduce our carbon emissions and advancing the development of more environmentally friendly vehicles and engines, we operate in a manner that we believe will result in positive change for our climate and society as a whole.

Valvoline is committed to providing accurate and transparent data to our stakeholders and has subscribed to a third-party data management system — Schneider Electric's EcoStruxure™ Resource Advisor, a cloud-based and AI-enabled enterprise software platform to track our carbon emissions. As an added measure of assurance, Apex Companies, LLC (Apex) a CDP partner conducted an independent verification of the greenhouse gas (GHG) emissions reported by Valvoline. APEX determined the GHG emission reported by Valvoline to be materially accurate. View report here.

CDP Reporting

Valvoline publicly discloses information on its carbon footprint, energy consumption, and climate risk through the CDP Climate Change Survey and our Corporate Social Responsibility (CSR) Report. CDP is a non-profit organization that operates a global disclosure system for companies to manage their environmental impacts. By reporting through CDP, we have solidified our commitment to stakeholder transparency.

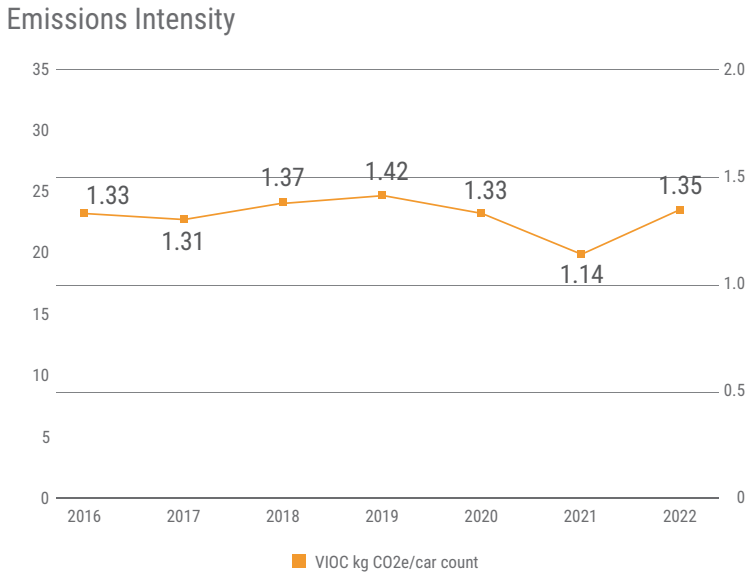


Valvoline, LLC received a B which is in the Management band. This is higher than the North America regional average of C, and higher than the Global average of B-.

In our third year of participating in the CDP Climate Change Survey, Valvoline received a "B" score in 2021 which CDP identified as above average for the chemical sector. We attribute this score, in part, to Valvoline's transparency, efficient operations, and our product research and development efforts. CDP category scores show Valvoline received high scores in business strategy and financial planning, governance, value chain engagement, risk, opportunity disclosures and emission reduction strategies. Valvoline is working to further improve our CDP scores by setting more aggressive decarbonization and sustainability targets, verification and initiating work on collection of supply chain scope 3 emissions. Learn more about our CDP reporting in our GHG Summary and on cdp.net.

Carbon Reduction Strategy and Performance

Valvoline will continue to expand on our RECs program with the purchase of renewable energy credits as our electric purchase contracts expired. In 2022, 22.5% of VIOC stores were purchasing RECs.



Emissions Intensity (Normalized) – Market Based

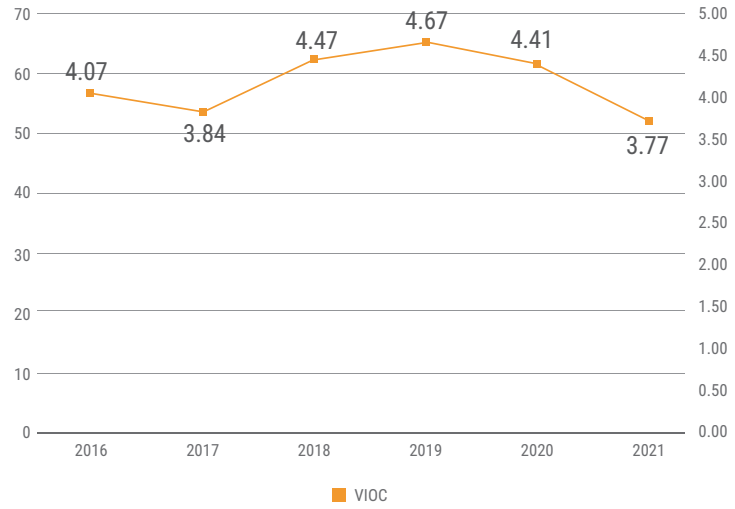
		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	% FY16	% YOY FY21
VIOC	kg CO2e/car count	1.33	1.31	1.37	1.42	1.33	1.14	1.35	1.5%	18.6%
Scope 1	kg CO2e/car count	0.44	0.38	0.52	0.56	0.51	0.41	0.55	26.7%	32.9%
Scope 2	kg CO2e/car count	0.89	0.92	0.85	0.86	0.82	0.72	0.80	-10.7%	10.4%

Valvoline Retail Services Emissions Trending (Absolute) – Market Based

Sum of CO2-e emissions (Primary) (mtons CO2-e) Row Labels	Column Labels FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
VIOC	10,396	12,630	16,636	19,191	18,687	21,850	25,922
Scope 1	3,406	3,694	6,306	7,563	7,138	7,970	10,593
Scope 2	6,990	8,936	10,330	11,629	11,550	13,881	15,329

Valvoline INCORPORATED

Energy Intensity



Energy Intensity (Normalized)

		FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	% YOY FY16	% YOY FY22
VIOC	kWh/car count	4.07	3.84	4.47	4.67	4.41	3.77	4.95	21.7%	31.4%
Scope 1	kWh/car count	2.40	2.11	2.86	3.08	2.80	2.29	3.04	26.6%	32.9%
Scope 2	kWh/car count	1.67	1.73	1.61	1.59	1.61	1.49	1.92	14.7%	28.9%

Energy Trending in MWh (Absolute)

Sum of Volume	Column Labels						
Row Labels	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
VIOC	31,873	37,145	54,430	63,209	62,062	72,499	95,231
Scope 1	18,795	20,380	34,792	41,718	39,366	43,944	58,411
Scope 2	13,078	16,764	19,638	21,491	22,696	28,555	36,821