

Introduction

We are pleased to share our Packaging Solutions Industry Multiples Valuation Update for Q3 2023.

At Seale & Associates, we are committed to providing process-driven solutions designed to optimize value and achieve our client's strategic objectives in a range of transactions, including Mergers, Acquisitions, Divestitures and Carve-Outs, Business Sales, Recapitalizations, and Joint Ventures, among other corporate finance and strategy consulting services.

Over the course of 25+ years, we have successfully served clients all over the world, and we are delighted to continue providing investment banking advisory services to our Packaging Solutions Industry clients who are looking to grow through acquisitions or optimize their portfolios through strategic divestitures.

Seale has extensive experience advising leading multinational companies, private equity firms, and family-owned businesses across a wide range of industries.



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Packaging Solutions Industry Overview, M&A Trends and Market Intelligence

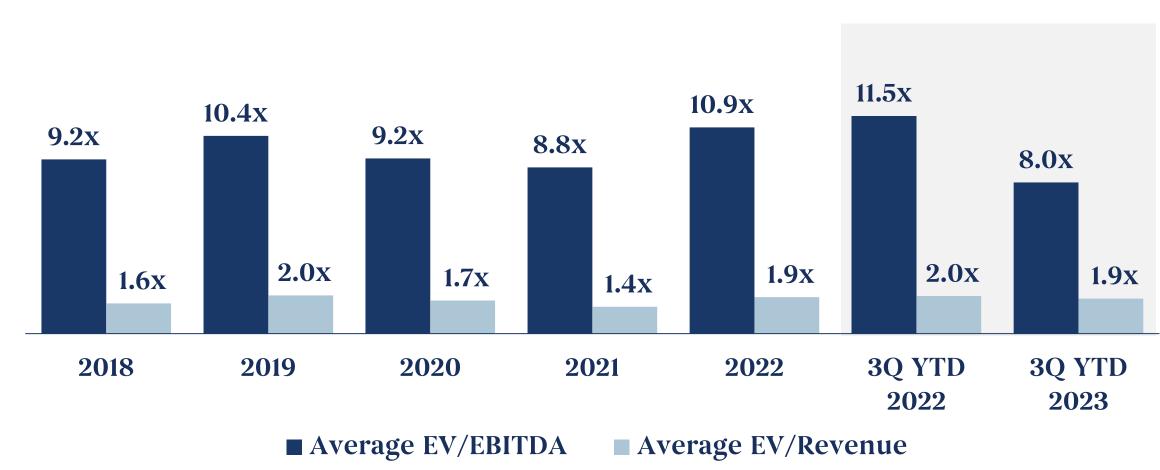
Packaging Solutions Industry Overview

- The global packaging solutions industry is a massive and growing market, expected to reach \$1.05 trillion by 2024, with a CAGR of 2.8%
- Key trends in packaging include a focus on sustainability with ecofriendly materials, rising demand for secure e-commerce packaging, a growing preference for premium solutions, and increased adoption of digital printing for personalized packaging. Smart packaging, integrating sensors and tracking technologies, is enhancing product monitoring and logistics efficiency
- The **market is segmented** based **on materials**, with paper and paperboard leading due to recyclability and e-commerce demands, alongside plastic (both flexible and rigid), metal, glass, and other materials. In terms of **end-use**, the largest segments are food and beverage, followed by pharmaceuticals and healthcare, consumer goods, industrial goods, and others
- In M&A, strategic acquisitions target market share and product expansion due to industry fragmentation. Private equity is drawn to the stable and cash-generative sector. Sustainability is a key focus for buyers seeking innovative solutions, and healthcare packaging is a prominent driver of M&A activity
- In the packaging landscape, noteworthy points include regional variations, with Asia Pacific anticipated to lead in growth, followed by North America and Europe. Government regulations on packaging materials and waste management are on the rise, impacting the industry. Furthermore, continuous innovation in materials, technologies, and packaging formats is a prominent aspect of the sector's evolution

Packaging Solutions Industry M&A Deal Size and Volume



Packaging Solutions Industry M&A Average EV/EBITDA and EV/Revenue



Diversified Packaging Global Comparable Public Companies

Company	Company				Enterprise Market Value		Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023	
Company		Country	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
CCL Industries Inc.	CCL	CAN	\$7,498	\$8,652	\$4,860	19.3%	11.7×	10.5x	9.2x	1.8x
Crown Holdings, Inc.	CROWN Brand-Building Packaging™	USA	\$10,592	\$17,987	\$12,164	13.3%	10.8x	41.6x	11.1x	1.5x
Dongwon Systems Corporation	Dongwon	KOR	\$650	\$959	\$977	12.6%	11.7×	11.7×	7.8x	1.0x
Greif, Inc.	GREIF	USA	\$3,122	\$5,535	\$5,406	17.1%	7.4x	5.9x	6.0x	1.0x
Richards Packaging Income Fund	RICHARDS	CAN	\$265	\$324	\$314	15.7%	8.4x	7.9x	6.6x	1.0x
Toyo Seikan Group Holdings, Ltd.	Toyo Seikan Group Holdings. Ltd.	JPN	\$2,976	\$3,815	\$6,208	7.0%	3.9x	3.7x	8.7x	0.6x
TriMas Corporation	TriMas	USA	\$1,026	\$1,460	\$887	14.9%	10.5x	9.6x	11.0x	1.6x
Winpak Ltd.	WINPAH	< CAN	\$1,856	\$1,462	\$1,187	19.2%	8.8x	8.9x	6.4x	1.2x
Excluded from mean and median						Mean Median	9.2x 9.7x	8.3x 9.2x	8.4x 8.3x	1.2x 1.1x

Glass Packaging Global Comparable Public Companies

Company	Company		Market	Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023	
Company		Country	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
Cristalerías de Chile S.A.	Cristalchile	CHL	\$217	\$695	\$396	11.2%	7.8x	7.9x	15.7x	1.8x
Ishizuka Glass Co., Ltd.	SISHIZUKA	JPN	\$75	\$240	\$383	10.3%	5.0x	4.3x	6.1x	0.6x
Nihon Yamamura Glass Co., Ltd.	NIHON YAMAMURA GLASS CO.,LTD.	JPN	\$123	\$229	\$473	6.9%	22.5x	57.5x	7.0x	0.5x
O-I Glass, Inc.		USA	\$2,594	\$6,981	\$7,157	18.8%	6.7x	5.4x	5.2x	1.0x
Verallia Société Anonyme	verallia	FRA	\$4,617	\$6,200	\$4,081	30.3%	7.4x	5.6x	5.0x	1.5x
Vetropack Holding AG	vetropack &	CHE	\$877	\$1,029	\$1,041	18.7%	7.3x	4.5x	5.3x	1.0×
Vidrala, S.A.	vidrala	ESP	\$2,673	\$3,024	\$1,600	24.5%	10.2x	9.1x	7.7×	1.9x
Vitro, S.A.B. de C.V.	Vitro.	MEX	\$540	\$1,249	\$2,446	12.0%	5.7x	5.5x	4.3x	0.5x
Zignago Vetro S.p.A.	ZIGNAGO VETRO	ITA	\$1,331	\$1,556	\$566	36.2%	17.4x	11.9x	7.6x	2.7x
Excluded from mean and median						Mean	7.2x	6.8x	6.0x	1.1x
						Median	7.4x	5.6x	6.1x	1.0x

Metal Packaging Global Comparable Public Companies

Company		Market Value	Enterprise Value	Revenue		Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023		
Company		Country	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
Ardagh Metal Packaging S.A.	ArdaghGroup	LUX	\$1,870	\$5,444	\$4,756	13.1%	10.6x	9.8x	8.8x	1.1×
Ball Corporation	Ball	USA	\$15,684	\$25,013	\$14,174	14.5%	17.5x	13.5x	12.2x	1.8x
Hokkan Holdings Limited	HOKKAN HOLDINGS LIMITED) JPN	\$124	\$387	\$615	8.8%	6.9x	7.5x	7.1x	0.6x
Silgan Holdings Inc.	SILGAN	USA	\$4,740	\$8,666	\$6,103	17.3%	9.0x	9.1x	8.2x	1.4×
Excluded from mean and median						Mean Median	8.8x 9.8x	8.8x 9.4x	8.0x 8.5x	1.2x 1.3x

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Plastic Packaging Global Comparable Public Companies

Company	Company		Country Value		Revenue		Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023	
Company		Country	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
AptarGroup, Inc.	Aptar 🚄	USA	\$8,207	\$9,385	\$3,445	19.6%	15.5x	12.8x	13.9x	2.7x
Berry Global Group, Inc.	Berry	USA	\$7,312	\$16,649	\$12,664	15.9%	7.9x	7.9x	8.2x	1.3×
FP Corporation	FP CORPORATION	JPN	\$1,317	\$1,836	\$1,456	14.4%	12.4x	11.3x	8.7x	1.3×
Fuji Seal International, Inc.	Fuji Seal Internationa	I JPN	\$653	\$575	\$1,259	8.6%	5.7x	4.5x	5.3x	0.5x
Groupe Guillin S.A.	GUILLIN we protect your food	FRA	\$481	\$596	\$966	11.9%	4.4x	4.1x	5.2x	0.6x
Myers Industries, Inc.	myers	USA	\$660	\$745	\$835	12.3%	12.1x	9.9x	7.3x	0.9x
Transcontinental Inc.	tc • transcontinental	CAN	\$736	\$1,581	\$2,190	14.3%	5.9x	5.8x	5.0x	0.7x
Excluded from mean and median						Mean	8.1x	6.5x	6.6x	0.9x
						Median	7.9x	7.9x	7.3x	0.9x

Sustainable Packaging Global Comparable Public Companies (1/3)

Company		Country		Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023	
Company		Country	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
Amcor plc	O amcor	CHE	\$13,041	\$19,806	\$14,425	14.7%	11.6x	10.9x	9.3x	1.4×
Avery Dennison Corporation	AVERY DENNISON	USA	\$14,720	\$18,013	\$8,280	15.3%	15.6x	12.9x	14.2x	2.2x
Billerud AB (publ)	BILLERUDKORSNÄS	SWE	\$2,312	\$2,939	\$4,010	13.0%	13.7×	7.4x	5.7x	0.7x
Carvajal Empaques S.A.	Carvajal	COL	\$142	\$250	\$574	20.9%	4.3x	2.1x	2.1x	0.4x
Cascades Inc.	Cascades	CAN	\$913	\$2,492	\$3,426	10.9%	5.4x	7.7×	6.6x	0.7x
DS Smith Plc	DS Smith	GBR	\$4,822	\$6,866	\$9,553	14.7%	9.3x	6.9x	4.9x	0.7x
Elopak ASA		NOR	\$549	\$982	\$1,177	14.4%	9.4x	9.2x	5.8x	0.8x
Graphic Packaging Holding Company	Graphic Packaging	USA	\$6,845	\$12,230	\$9,565	20.0%	8.9x	9.2x	6.4x	1.3x
Huhtamäki Oyj	Huhtamaki	FIN	\$3,447	\$5,087	\$4,487	12.4%	11.3x	10.2x	9.2x	1.1x
International Paper Company	INTERNATIONAL PAPE	er USA	\$12,273	\$17,803	\$19,448	14.6%	8.3x	5.9x	6.3x	0.9x

Excluded from mean and median

Sustainable Packaging Global Comparable Public Companies (2/3)

		Market Value	Enterprise	Revenue	EBITDA	Annual A	Average BITDA	Third Quarter Sep. 30, 2023		
Company		Country	Cap. US\$M	Value US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
Klabin S.A.	Klabin	BRA	\$5,279	\$10,041	\$3,726	39.9%	10.4x	6.6x	6.7x	2.7x
Mayr-Melnhof Karton AG	MM	AUT	\$2,705	\$4,480	\$4,687	12.7%	10.2x	9.3x	7.5x	1.0×
Mondi plc	mondi	GBR	\$8,123	\$9,813	\$8,762	16.5%	9.4x	6.8x	6.8x	1.1x
Packaging Corporation of America	PC	USA	\$13,702	\$15,856	\$7,843	23.8%	10.3x	7.7×	8.5x	2.0x
Pactiv Evergreen Inc.	pactiv evergreen	USA	\$1,450	\$5,262	\$5,712	20.1%	8.8x	7.6x	4.6x	0.9x
Rengo Co., Ltd.	The General Packaging Industry RENGO	JPN	\$1,702	\$4,120	\$5,928	9.2%	6.2x	6.4x	7.5x	0.7x
Sealed Air Corporation	Sealed Air®	USA	\$4,745	\$9,526	\$5,517	20.2%	11.3x	10.4x	8.5x	1.7×
SIG Group AG	SIG	CHE	\$9,463	\$12,213	\$3,363	22.5%	17.2x	17.1x	16.2x	3.6x
Smurfit Kappa Group Plc	Smurfit Kappa	IRL	\$8,642	\$12,017	\$12,984	17.3%	9.6x	7.4x	5.4x	0.9x
Sonoco Products Company	SONOCO	USA	\$5,324	\$8,458	\$7,001	16.3%	17.1x	18.5x	7.4x	1.2x

Excluded from mean and median

Sustainable Packaging Global Comparable Public Companies (3/3)

Company	Countr	Enterprise Market Country Value	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2023			
Company	Counti	Cap. US\$M	US\$M	US\$M	Margin	2021	2022	EV/ EBITDA	EV/ Revenue
Stora Enso Oyj	FIN	\$10,057	\$13,379	\$10,675	16.2%	12.3x	7.5x	7.8x	1.3x
Tailim Packaging Co., Ltd.	TAILIM PACKAGING KOR	\$121	\$240	\$543	7.5%	12.0x	7.4x	5.9x	0.4x
Tomoku Co., Ltd.	Tomoku Co., Ltd. JPN	\$270	\$668	\$1,404	7.5%	5.5x	5.2x	6.4x	0.5x
WestRock Company	WestRock USA	\$9,179	\$18,643	\$20,310	16.5%	7.3x	5.6x	5.6x	0.9x
Excluded from mean and median					Mean	9.1x	7.5x	6.6x	0.9x
					Median	9.9x	7.5x	6.7x	0.9x

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Packaging Solutions Industry - Global Transactions (1/2)

Date	Target	Country	Description	Buyer	Seller	% Acquired	Size US\$M	EV/ EBITDA	EV/ Revenue
Sep-23	Kefla	DEU	Distributes specialized glass bottles to various industries	LIFCO	-	>50.0%	-	-	-
Sep-23	ACCORD CARTON	USA	Designs and manufactures custom folding cartons for private label and branded consumer goods	MASON W ELLS	-	ND	-	-	-
Sep-23	SKYMARK PACKAGING INTERNATIONAL	GBR	Provides a range of recyclable packaging products	INTERFLEX GROUP	-	100.0%	-	-	-
Sep-23	WestRock	USA	The merger creates Smurfit WestRock, a global leader in sustainable packaging	Smurfit Kappa	-	Merger	\$11,200.0	2.0x	0.3x
Sep-23	্ atcorr	USA	Provides corrugated packaging and logistics solutions	Welch Packaging	-	100.0%	-	-	-
Sep-23	SAVER GLASS	FRA	Manufactures high-end and luxury glass bottles	OR RA	-	100.0%	\$1,370.0	7.6x	-
Aug-23	INTERIOR PACKAGING SPECIALISTS	USA	Manufactures interior paper packing partitions	GREIF	-	51.0%	\$75.0	-	-
Aug-23	Crate Pooling business	AUS	Provides reusable plastic crate pooling services	MORRISON	PACT	50.0%	\$160.0	-	-
Aug-23	A SOLUTIONS COMPANY	IND	Manufactures and supplies pallets	KKR	-	ND	\$100.0	-	-
Aug-23	IN CORPORATED	USA	Manufactures and supplies folding cartons	Graphic Packaging	-	100.0%	\$262.5	-	-
Aug-23	GUARDIAN PAC <u>KAG</u> ING	USA	Manufactures industrial packaging and military SPEC non-metallic component products	CONNER	-	100.0%	-	-	_

ND: Not Disclosed

Packaging Solutions Industry - Global Transactions (2/2)

Date	Target	Country	Description	Buyer	Seller	% Acquired	Size US\$M	EV/ EBITDA	EV/ Revenue
Aug-23	U.S. BulkSak Businesses	USA	Operates an industrial paper packaging segment business	Not Disclosed	SONOCO	100.0%	\$20.3	-	-
Jul-23	Constantia	AUT	Manufactures and sells various flexible packaging and label products	ONE ROCK CAPITAL PARTNERS	W WENDEL	100.0%	\$1,097.0		
Jul-23	VIDRIO FORMAS°	MEX	Manufactures specific and general glass containers	BA	-	60.0%	-	-	-
							Mean	4.8x	0.3x
							Median	4.8x	0.3x

Selected Transactions Commentary



"This incredibly exciting coming together of our two great companies is a defining moment within the global packaging industry. Smurfit WestRock will be the 'Go-To' packaging partner of choice for customers, employees and shareholders. We will have the leading assets, a unique global footprint in both paper and corrugated, a superb consumer and specialty packaging business, significant synergies, and enhanced scale to deliver value in the short, medium and long term."

Tony Smurfit, CEO of Smurfit Kappa



"As a part of the Greif portfolio, we plan to share best practices from our multi-national perspective with ColePak to further elevate their opportunities, while also advancing our 'Build to Last' priorities. We are excited to learn from the expertise of our new colleagues and welcome them to the Greif family."

Ole Rosgaard, President & CEO of Greif



"We are pleased to invest in LEAP, a standout leader in India's pallet pooling industry that will play an important role in driving the country's continued modernization and growth. LEAP is supporting this shift by providing the critical assets needed for the manufacturing, storage, and movement of goods in supply chains and in so doing also helps companies to be better equipped to improve the environmental impact of their operations."

Ami Momaya, Director of KKR Infrastructure



"Constantia has grown through acquisition and innovation to be a leader serving its food and pharma customers... We look forward to partnering with Constantia's management team to continue innovating to solve for the evolving packaging needs and sustainability requirements of the Company's customers."

Telmo Valido, Partner of One Rock

Private Equity Transactions

INDUSTRY CLASIFICATION	PERIOD	AVERAGE ENTERPRISE VALUE (IN USD)	REVENUE (IN USD)	TTM REVENUE GROWTH	ENTERPRISE VALUE / REVENUE	EBITDA MARGIN	ENTERPRISE VALUE /EBITDA	NUMBER OF TRANSACTIONS
	0000	\$	\$	\$ \$ \equiv \text{\$}	\$	\$	\$ \(\frac{1}{2} \)	\$
Plastics Packaging Materials NAICS 32611 – Plastics Packa	2018-2022 Iging Materials	\$38.8M	\$38.8M	2.8%	1.1x	16.8%	6.7x	8
Packaging and Labeling Services NAICS 56191 - Packaging an	2018-2023 d Labeling Services	\$63.1M	\$57.4	12.7%	1.5x	16.5%	8.9x	13

Notes:

- Data obtained via GF Data, a subscription-based information platform, offering detailed information and metrics about the transactions of Private Equity funds in the U.S.
- The data is provided under a blind confidential format. Users of the data are unable to identify the exact company and transaction corresponding to the transaction details. Given this blind approach, the data submitted is less likely to be biased or manipulated.

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Source: GF Data

Grupo Fomento Queretano

TARGET

Grupo Fomento Queretano

TRANSACTION TYPEMerger Advisory

INDUSTRIES

Consumer Products, Food and Beverage, Packaging Solutions

GEOGRAPHYQueretaro, Mexico

SITUATION

Seale & Associates was retained by the family owners of Grupo Fomento Queretano, one of the oldest family-owned Coca-Cola bottlers in Mexico, to analyze strategic alternatives for their business in the context of a changing industry landscape.

SEALE & ASSOCIATES' APPROACH

Seale presented the family with a range of strategic alternatives and outcome scenarios for a sale or merger with three industry consolidators considering the family's value, timing, and control objectives. After the family decided that a merger with Coca-Cola FEMSA was the preferred alternative, Seale ran a disciplined and expedited process to achieve the shareholder's objectives.

OUTCOME

Seale's approach resulted in a successful merger with Coca-Cola FEMSA. As a result of the merger, Grupo Fomento Queretano's shareholders received 45.1 million newly issued KOF series L shares for a total aggregate enterprise transaction value of approximately Ps. 7.6 billion (US\$580 million), including the assumption of debt.

"Their professionals provided invaluable guidance and support"



"From the very beginning of the planning process before our merger with Coca-Cola FEMSA, Seale listened and provided straightforward answers to each and every one of our family member's questions and concerns and outlined the full range of options. Their professionals provided invaluable guidance and support as they helped us to navigate the merger negotiations. We knew we could count on their trusted advice to make certain we made the best decisions for our company, our employees, and our family".

Federico Ruiz Rubio Board member and shareholder, Grupo Fomento Queretano

Grupo Tampico

TARGET Grupo Tampico

TRANSACTION TYPE Merger Advisory

INDUSTRIES

Consumer Products, Food and Beverage, Packaging Solutions

GEOGRAPHY Tamaulipas, Mexico

SITUATION

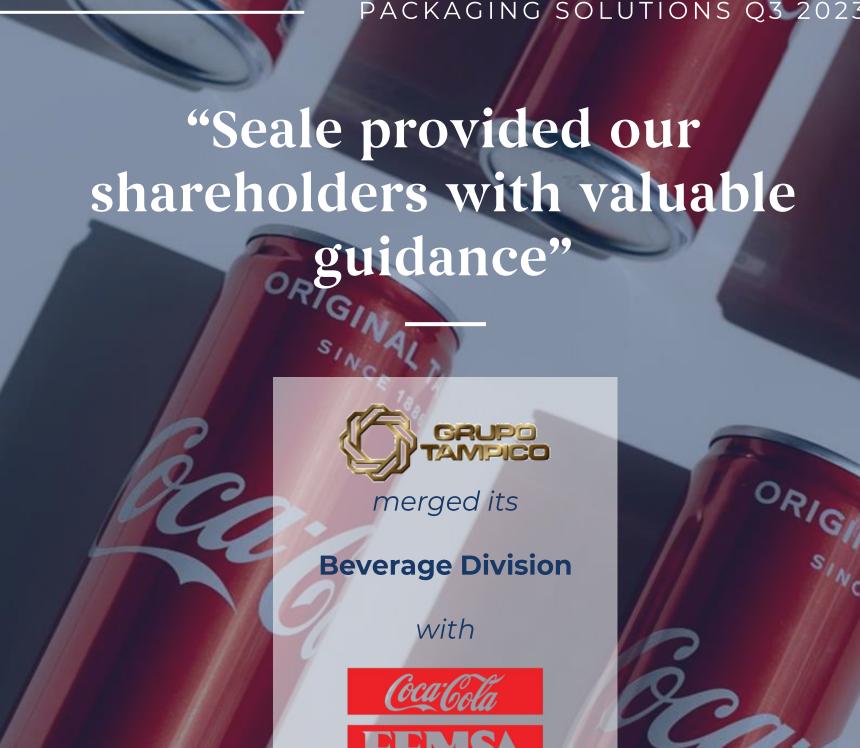
Seale & Associates was retained by Grupo Tampico's shareholders to properly analyze and structure the merger of the company's beverage division with Coca-Cola FEMSA.

SEALE & ASSOCIATES' APPROACH

Seale presented the family with a range of strategic alternatives and outcome scenarios for a sale or merger with three industry consolidators, considering the family's value, timing, and control objectives. After the family decided that a merger with Coca-Cola FEMSA was the preferred alternative, Seale ran a disciplined and expedited process to achieve the shareholder's objectives.

OUTCOME

Seale's approach resulted in a successful merger with Coca-Cola FEMSA. As a result of the merger, Grupo Tampico's shareholders received 63.5 million newly issued KOF series L shares at a value of Ps. 103.20 per share. The issued KOF series L shares appreciated 19.8% to a price of Ps. 123.63 prior to closing, representing a total aggregate enterprise transaction value of Ps. 10.6 billion (approximately US\$800 million as of the closing date exchange rate). The transaction closed on October 11, 2011.



"Seale provided our shareholders with valuable guidance on a wide range of important topics during the process and served as a trusted advisor in helping us to structure a successful merger with Coca-Cola FEMSA that met our family shareholders' objectives".

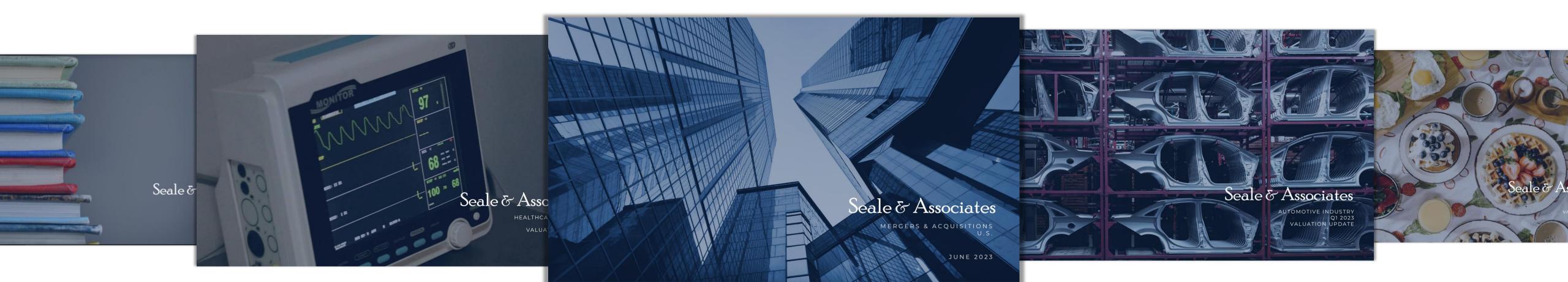
Robert Fleishman Vice President, Grupo Tampico

"We are pleased to have successfully closed this very important merger transaction in a short period of time and consolidating our position as a leader in the Mexican beverage industry".

Carlos Salazar Lomelin, Chief Executive Officer, Coca-Cola FEMSA

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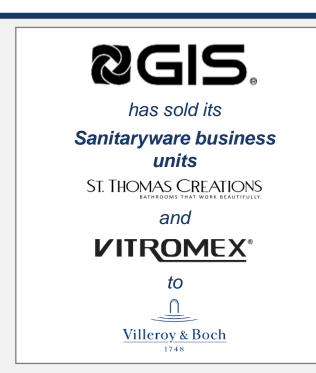
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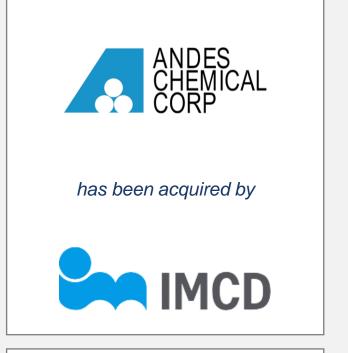












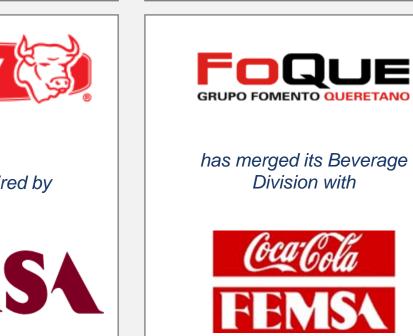














Advisor to Leading Companies Worldwide













































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Please contact us if you would like further information about M&A trends and/or specific transaction multiples for your industry

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Creative Solutions. Trusted Advice.

For over 25 years, Seale & Associates has served leading public and private companies from around the world and operating in a broad range of industries with a high level of quality, integrity and independence while presenting innovative ideas and trusted solutions to address their most complex dealings.

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YEARS OF EXPERIENCE

\$50B+

TRANSACTIONS GLOBALLY

SERVICES AND SOLUTIONS

Mergers & Acquisitions

Divestitures

held companies.

Joint Ventures / Alliances

Recapitalizations

Due Diligence / Support

Expert Witness Testimony

Corporate Finance Advisory

Strategy Consulting

Trusted Advisor to Leading Companies Worldwide

We have worked repeatedly with many of the most well-known companies in the world...











































...as well as with reputable funds, family-offices and privately





























Creative Solutions. Trusted Advice.