Arteco Engine Coolants Recommendation List

Arteco's broad range of engine coolants can be used in multiple types of engines & applications ranging from passenger cars, heavy-duty trucks, construction equipment to buses, stationary and agriculture. Many of our products have obtained a formal OEM approval. Some OEM's however do not provide official letters for different reasons. Basis testing and extensive experience, Arteco can make following recommendations (Please contact your local Area Sales Manager for availability of the products in your region):

OEM Group	Brand	Production Year		Product	OEM Approval
		From	To		
ADE	ADE			Havoline® XLC	✓
AGCO	Fendt, Valtra			Havoline® XLC	✓
AGCO	Massey Ferguson			Havoline® XLC	
Alstom	Alstom			Havoline® XLC Havoline® XLI	 ✓
Aston Martin	Aston Martin			Havoline® XLC	
BAIC Group	Foton			Havoline® XLC	✓
BMW	BMW			Havoline® AFC	✓
BMW	Rolls Royce, Mini			Havoline® AFC	
BYD Auto	BYD			Havoline® XLC	
CNH Industrial	Case IH, Case Construction Equipment			Havoline® XLC	
CNH Industrial	Irisbus, Karosa			Havoline® XLC	
CNH Industrial	Iveco, Iveco bus, Iveco Astra			Havoline® XLC	
CNH Industrial	New Holland Agriculture, New Holland Construction			Havoline® XLC	
Caterpillar	Caterpillar			Freecor® HDC	
Caterpillar	MaK, MWM			Havoline® XLC Havoline® XLI	✓ ✓
Caterpillar	Perkins			Freecor® HDC	
Caterpillar	SEM (Shandong Engineering Machinery Co. Ltd)			Havoline® XLC	
Claas	Claas			Havoline® XLC	
Cummins	Cummins			Havoline® XLC	✓
Daimler AG	Detroit			Havoline® XLC Havoline® XLI	✓ ✓
Daimler AG	Freightliner			Havoline® XLC	
Daimler AG	Fuso			Freecor® LPC	

OEM Group	Brand	Production Year		Product	OEM Approval
		From	To		
Daimler AG	Maybach			Havoline® AFC	
Daimler AG	Mercedes Benz Cars			Havoline® AFC	
Daimler AG	Mercedes Benz Trucks, Evobus			Havoline® XLC	
Daimler AG	Mercedes Benz Trucks, Evobus	10/2011		Freecor® QRC	
Daimler AG	Smart			Havoline® AFC	
Deutz AG	Deutz			Havoline® AFC Havoline® XLC	
Dongfeng Motor	Dongfeng Passenger cars and Heavy Duty			Havoline® XLC	
Doosan Infracore	Bobcat			Freecor® LPC	
DRB-HICOM	Proton, Lotus			Havoline® XLC	
FAW jie Fang	Jie Fang			Havoline® XLC	
FCA	Alfa Romeo, Fiat, Lancia		2005	Havoline® AFC	
FCA	Alfa Romeo, Fiat, Lancia	2005	today	Havoline® XLC	
FCA	Chrysler			Havoline® XLC	
FCA	Dodge, Abarth, Maserati			Havoline® XLC	
FCA	Jeep			Havoline® XLC	
Ferrari	Ferrari		2005	Havoline® AFC	
Ferrari	Ferrari	2005	today	Havoline® XLC	
Ford	Ford			Havoline® XLC	
Fuji Heavy Industries	Subaru			Freecor® LPC	
Geely	Geely, Volvo Cars			Havoline® AFC	
General Electric	Jenbacher, Waukesha			Havoline® XLC Havoline® XLI	
General Motors	Chevrolet, Vauxhall, Pontiac			Havoline® XLC	
General Motors	Daewoo			Freecor® LPC	
General Motors	Holden			Havoline® XLC Havoline® XLI	
General Motors	Saab			Havoline® XLC	
General Motors	Saturn, Opel			Havoline® AFC Havoline® XLC	
Great Wall Motors	Great Wall			Havoline® XLC	
Honda	Honda			Freecor® LPC	
Hyundai Heavy Industry	Himsen			Havoline® XLI	

OEM Group	Brand	Production Year		Product	OEM Approval
		From	To		
Huyndai Motor Group	Hyundai, Kia			Freecor® LPC	
Hitachi	Hitachi			Havoline® XLC	
Ingersoll Rand	Thermo King			Havoline® XLC	
Isuzu	Isuzu			Havoline® XLC	
John Deere	John Deere			Havoline® XLC	
Kubota	Kubota			Freecor® LPC	
Kobelco	Kobelco			Havoline® XLC	
Komatsu	Komatsu			Havoline® XLC	
Liebherr	Liebherr			Havoline® XLC Havoline® XLI	
Mahindra & Mahindra	Ssangyong			Freecor® LPC	
Mahle Group	Behr			Havoline® AFC Havoline® XLC	
Mazda	Mazda			Freecor® LPC	
Mitsubishi Heavy Industry	Mitsubishi			Freecor® LPC	
Mitsubishi Motor Corporation	Mitsubishi			Freecor® LPC	
Navistar	International Truck			Havoline® XLC	
Paccar	DAF, Leyland			Havoline® XLC	
PSA	Peugeot, Citroën			Freecor® DSC	
Renault-Nissan	Dacia, Renault			Freecor® NRC	
Renault-Nissan	Nissan, Infinity, Renault Samsung, Datsun			Freecor® LPC	
Renault-Nissan	Lada/Avtovaz	Local engine		Havoline® AFC	
Renault-Nissan	Lada/Avtovaz	Renault engine		Freecor® NRC	
Rolls Royce Power System	Bergen Engines			Havoline® XLC Havoline® XLI	
Rolls Royce Power System	MTU			Havoline® XLC Havoline® XLI Freecor® NBI	
SAIC Motor	MG, Maxus, Roewe			Havoline® XLC	
SGMW (SAIC-GM-WULING)	Baojun, Wuling			Havoline® XLC	

OEM Group	Brand	Production Year		Product	OEM Approval
		From	To		
Suzuki	Santana Motors			Havoline® XLC	✓
Suzuki	Suzuki, Maruti-Suzuki			Freecor® LPC	
Tata Motors	Jaguar, Land Rover			Havoline® XLC	✓
Tata Motors	Tata			Havoline® XLC	
Tedom	Tedom			Havoline® XLC	✓
Toyota Motor Corporation	Toyota, Hino, Daihatsu, Lexus			Freecor® LPC	
Van Hool	Van Hool			Havoline® XLC	✓
Volvo AB	Mack, Renault Trucks			Havoline® XLC	✓
Volvo AB	UD Trucks			Havoline® XLC	
Volvo AB	Volvo Bus	06/2009		Havoline® XLC	
Volvo AB	Volvo Penta	05/2010		Havoline® XLC	
Volvo AB	Volvo Trucks, Volvo Construction Equipment		10/2005	Havoline® AFC	
Volvo AB	Volvo Trucks, Volvo Construction Equipment	10/2005		Havoline® XLC	
VW	Audi, Seat, Skoda, VW, Porsche	1981	1996	Havoline® AFC	✓
VW	Audi, Seat, Skoda, VW	1996	2008	Havoline® XLC	✓
VW	Seat, Skoda, VW	2008	2012	Freecor® QRC	✓
VW	Seat, Skoda, VW	2012		Freecor® QFC	✓
VW	Bentley, Bugatti, Lamborghini	1981	1996	Havoline® AFC	
VW	Bentley, Bugatti, Lamborghini, Porsche	1996	2008	Havoline® XLC	
VW	Audi, Bentley, Bugatti, Lamborghini, Porsche	2008	2012	Freecor® QRC	
VW	Audi, Bentley, Bugatti, Lamborghini, Porsche	2012		Freecor® QFC	
VW	MAN, MAN B&W			Havoline® XLC	✓
VW	Scania		02/2008	Havoline® XLC	
VW	Scania	03/2008		Freecor® QRC	
Wärtsilä	SACM, Wärtsilä			Havoline® XLC Havoline® XLI	✓ ✓
Yanmar	Yanmar			Havoline® XLC	✓

All information contained in this document, including but not limited to text or graphic material, is the property of Arteco NV, and is accurate to the best of our knowledge at the date of issue specified. It supersedes all previous editions and information contained in them. Information is subject to change without notice. Any textual or graphic material you copy, print, or download from this document site is licensed to you for your personal, noncommercial use only, provided that you do not change or delete any copyright, trademark or other proprietary notices. Any other use, including but not limited to the reproduction, distribution, display or transmission of the content of this document is strictly prohibited, unless authorized by Arteco NV in writing.