

**SOLUTIONS THAT WORK
AS HARD AS YOU DO**

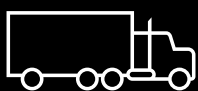


FOR EVERY HD APPLICATION

CHOOSE YOUR INDUSTRY TO FIND THE PRODUCT THAT'S RIGHT FOR YOU.



CONSTRUCTION



TRUCKING



AGRICULTURE



MINING



MARINE



MIXED FLEET



HYBRID & ELECTRIC

PRODUCT GUIDE



RECOCHEM INC.
SECURING YOUR JOURNEY
RECOCHEM.COM



a Recochem Company





HEAVY DUTY ANTIFREEZE/COOLANT



ONE FOCUS. HD ENGINE COOLANT.

HD EXPERT® is focused on formulating heavy duty engine antifreeze/coolants that get the job done — so you can keep doing yours. Our specialized formulas are made for the hardest working heavy duty engines on earth.

ADVANCED COOLANT TECHNOLOGY

HD EXPERT®'s team of researchers and technicians have fine-tuned our line-up of HD coolants, each offering the most advanced technology for maximum performance.

◆ CORROSION PREVENTION

A clean engine is a cool engine. Our specialized formulas stop corrosion in its tracks for all cooling system metals.

◆ THERMAL INTEGRITY

Calibrated to handle the most extreme climate conditions, our formulas enable efficient heat transfer to regulate critical system temperatures.

◆ LONGEVITY

Our coolants combine unique corrosion inhibitors and superior functional additives, providing optimum performance and maximum stability.



	CLASSIC	PREMIUM
CORROSION INHIBITOR	CONVENTIONAL	HYBRID
LIQUID COLOR	PURPLE	RED
APPLICATION	The low silicate level of this aluminum compatible product allows it to be used in older model automotive, light duty, heavy duty diesel and natural gas engine (NGE) applications such as on-road truck, off-road and farm equipment. This includes, but is not limited to, Caterpillar, Cummins, Detroit Diesel, Ford, Freightliner, GM, International Truck and Engine, Kenworth, Paccar, Peterbilt, Volvo/Mack, Western Star and other HD and industrial application where a fully formulated conventional HD coolant is required.	It is designed for use in older model light and heavy duty diesel applications where an extended service interval is required and is recommended for use in on-road truck, off-road, farm, marine and stationary applications including, but not limited to, Caterpillar, Cummins, Detroit Diesel/MTU, GM Heavy Truck, Freightliner, PACCAR and Volvo/Mack.
FORMULATION	<ul style="list-style-type: none"> • LOW SILICATE • PHOSPHATE FREE • FULLY FORMULATED • SCA PRE-CHARGED 	<ul style="list-style-type: none"> • LOW SILICATE • PHOSPHATE, AMINE & 2-EHA FREE • CAT EC-1 COMPATIBLE • HOAT
SPECIFICATIONS / PERFORMANCE LEVEL	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210 • AS/NZS 2108.2004 Type A • CNHi MAT 3720 • Detroit Diesel Fluid Specification DFS93K217SLC • JCB • New Flyer eBus • TMC RP 329B <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • Caterpillar • CNHi MAT 3620 • Cummins • CES 14603/14439/3666132 • Ford ESE-M97B44-A/ESE-M97B44-C • GM 1825M/1899M • GM Heavy Truck • International Truck • Kenworth • Kubota • Mack • Navistar MPAPS B-1 Type II • PACCAR • Peterbilt • Volvo Heavy Truck 	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • AS/NZS 2108.2004 Type A • Chrysler MS-9769 • MTU MTL 5048 • TMC RP 364 <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • Caterpillar • CAT Stationary Engines (Gas/Diesel) • CNHi MAT 3720/3620 • Cummins 14603/14439/3666132 • DDC 7SE 298 • Deutz DQC CA-14 • Ford WSS-M97B51-A1 • GM 1825M/1899M • International Truck • JCB STD00088 • Kenworth • Mack STD 418-0003 • MAN 324 N • Navistar MPAPS B-1 Type III • PACCAR • Perkins Diesel • Volvo Heavy Truck STD 418-0003 • Waukesha Stationary Gas Engines
RECOMMENDED CHANGE INTERVAL	UP TO 2 YEARS OR 250,000 MILES (400,000 km)	UP TO 6 YEARS, 12,000 HOURS OR 600,000 MILES (960,000 km)
ITEM NUMBERS	CONCENTRATE: 86-284 PREMIXED: 86-474	CONCENTRATE: 86-734 PREMIXED: 86-834

CONTAINS:



HD EXPERT®'s proprietary OAT corrosion inhibitor, PRO SHIELD™, protects the latest coolant system materials against corrosion and deterioration and provides excellent high temperature aluminum and wet sleeve liner cavitation protection.

- REDUCED NEED FOR COOLANT EXTENDER
- 2-EHA FREE ORGANIC ADDITIVE TECHNOLOGY

	DEFENDS AGAINST		PROTECTS
	CORROSION		ALUMINUM ENGINES
	DETERIORATION		AGAINST EXTREME TEMPERATURES
	RUST		AGAINST WET SLEEVE LINER CAVITATION



	EXTRA	EXTREME	ENDURANCE
CORROSION INHIBITOR	PRO SHIELD	PRO SHIELD	PRO SHIELD
LIQUID COLOR	PALE YELLOW	RED	RED
APPLICATION	Designed for "Mixed Fleet" use in all makes and models of passenger vehicles, light duty and heavy duty diesel vehicles, including on-road, off-road, construction and farm applications. This nitrite-free product eliminates the need to carry multiple coolants to service different engines, providing for added value.	Ideally suited for heavy duty diesel applications where extended service interval and aluminum compatibility is required of a nitrite based, silicate free coolant, including on-road truck, off-road, farm and marine engine applications.	OEM* (original equipment manufacturer) approved and offering the longest service life possible, HD EXPERT® Endurance L415 Antifreeze/Coolant is ideal for the newer cooling systems in any on-road and off-road application. *OEM Approved: HD EXPERT® Endurance L415 Antifreeze/Coolant now carries multiple formal OEM approvals including, Cummins, Detroit Diesel, Daimler Truck, MAN, MTU, Navistar International, Volvo, and Deutz for wide application breath and assurance for any HD applications.
FORMULATION	<ul style="list-style-type: none"> • COMPATIBLE WITH MOST ENGINE COOLANT TECHNOLOGIES • BNAP (BORATE, NITRITE, AMINE, PHOSPHATE) & 2-EHA FREE 	<ul style="list-style-type: none"> • NITRITE & MOLYBDATE RICH • MEETS CAT EC-1 SPECIFICATION* • BAPS (BORATE, AMINE, PHOSPHATE, SILICATE) & 2-EHA FREE • NOAT 	<ul style="list-style-type: none"> • SUPERIOR ALUMINUM PROTECTION • NO SCA OR EXTENDER NEEDED • BNAPS (BORATE, NITRITE, AMINE, PHOSPHATE, SILICATE) & 2-EHA FREE
SPECIFICATIONS / PERFORMANCE LEVEL	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • TMC RP 364 <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • Caterpillar • Chrysler MS-7170/MS-9769 • CNHi MAT 3724/3624 • Cummins • CES 14603/14439/14636 • DAF 74002 • DDC 7SE 298, 93K217 • Daimler Truck DTFR 29C120/29D120 • Deutz DQC CC-14 • Freightliner GM 1825M/1899M • International Truck • JCB STD00088 • Kenworth • Kobelco • Kubota • Liebherr • Mack • MAN 324 Typ Si-OAT • MB Approval 325.5/326.5 • MTU MTL 5048 • PACCAR • Peterbilt • Scania • Volvo Truck • VW TL 774-G 	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • CAT EC-1 Specification* • Cummins • CES 14603 • TMC RP 364 <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • Caterpillar Stationary Gas Engines • Cummins 14603/14439/3666132 • Deutz DQC CB-14 • Ford WSS-M97B51-A1 • Hino Diesel Truck • Isuzu Diesel Truck • International Truck • JCB STD00088 • Mack STD 418-0003 • MAN 324 N • MTU MTL 5048 • Navistar MPAPS B-1 Type III • Kobelco • Kenworth • PACCAR • Peterbilt • Volvo STD 418-0003 • Wärtsilä Stationary Diesel Engines • Waukesha Stationary Natural Gas Engines • Western Star 	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • AFNOR • Cummins • CES 14603 • Daimler Truck DTFR 29C110 (previously known as 325.3) • Detroit Diesel Fluid Specifications 93K217 • Deutz DQC CB-14 • JIS K2234 • MAN 324 SNF • MTU MTL 5048 • Navistar MPAPS B-1 Type III A • SAE J 814 • TMC RP364 • Volvo/Mack <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • AGCO • Case New Holland (CNHi) • Caterpillar • DAF • Detroit Diesel DDC • Fendt • Freightliner • GM Heavy Truck • International • John Deere • Kenworth • Komatsu • Kubota • PACCAR • Peterbilt • Scania • Waukesha
RECOMMENDED CHANGE INTERVAL	AUTOMOTIVE LIGHT DUTY: UP TO 5 YEARS OR 150,000 MILES (250,000 km) HEAVY DUTY DIESEL: UP TO 6 YEARS, 12,000 HOURS OR 600,000 MILES (960,000 km)	UP TO 8 YEARS, 15,000 HOURS OR 750,000 MILES (1,200,000 km) with the use of an extender	UP TO 8 YEARS, 20,000 HOURS OR 1,000,000 MILES (1,600,000 km)
ITEM NUMBERS	CONCENTRATE: 86-314 PREMIXED: 86-324	CONCENTRATE: 86-524 PREMIXED: 86-534	CONCENTRATE: 86-924R PREMIXED: 86-914R

Information above includes recommendations for aftermarket coolants. Refer to owner's manual for suggested manufacturer's coolants and warranty issues.

*Meets CAT EC-1 physical and chemical properties and compatibility characteristics.

CONTAINS:



HD EXPERT®'s proprietary OAT corrosion inhibitor, PRO SHIELD™, protects the latest cooling system materials against corrosion and deterioration and provides excellent high temperature aluminum and wet sleeve liner cavitation protection.

- REDUCED NEED FOR COOLANT EXTENDER
- 2-EHA FREE ORGANIC ADDITIVE TECHNOLOGY

DEFENDS AGAINST	PROTECTS
CORROSION	ALUMINUM ENGINES
DETERIORATION	AGAINST EXTREME TEMPERATURES
RUST	AGAINST WET SLEEVE LINER CAVITATION



EXTEND	
PRO SHIELD	
CORROSION INHIBITOR	
LIQUID COLOR	PINK
APPLICATION	Designed and recommended for intense service heavy duty electrically powered vehicles (EVs), including on-road, off-road, construction, marine, mining and agricultural.
FORMULATION	<ul style="list-style-type: none"> • CONDUCTIVITY: < 5000 µS/cm • BNAPS (BORATE, NITRITE, AMINE, PHOSPHATE, SILICATE) & 2-EHA FREE • EXTENDED CORROSION PROTECTION
SPECIFICATIONS / PERFORMANCE LEVEL	<p>MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS:</p> <ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • CNHi MAT 3724 • New Flyer eBus • TMC RP364 <p>RECOMMENDED AND SUITABLE FOR USE WITH:</p> <ul style="list-style-type: none"> • Caterpillar • Chrysler MS.90032/MS.50203/MS-12106 • CNHi MAT 3624 • Cummins • CES 14603/14439/14636 • DAF 74002 • Daimler Truck DTFR 29C110/29D110 • Detroit Diesel Fluid Spec. DFS93K217 • Deutz DQC CB-14 • Deutz Stationary Diesel Engines • Ford WSS-M97B44-D • GMW3420/GM6277M • Jenbacher Stationary Natural Gas Engines • Kobelco • Komatsu KES 07.892 • MTU MTL 5048 • Navistar MPAPS B1-Type III A • Mack • MAN 324 Typ SNF • MB Approval 325.3 (conc.)/326.3 (50/50) • MWM • Scania • Vestas Wind Turbine Power Electronics — External Coolant System • Volvo • VW TL774-F • Wärtsilä Stationary Diesel Engines
RECOMMENDED CHANGE INTERVAL	UP TO 6 YEARS, 12,000 HOURS OR 600,000 MILES (960,000 km) This mileage is meant for HD applications.
ITEM NUMBER	PREMIXED: 86-454



TM

By choosing EVX™ branded products you are choosing peace of mind. EVX™ solutions have been developed and tested to guarantee compatibility with battery and hybrid vehicles, ensuring optimal mechanical and battery protection in indirect cooling systems. EVX™ conventional coolants provide excellent chemical stability, specific light duty and heavy duty vehicle standard ethylene glycol (EG) purity and extended corrosion protection.



MINING



EQUIPMENT



TRUCK



LIGHT DUTY TRUCK

CLASSIC



FEATURING HD EXPERT®'S LEGACY TECHNOLOGY, CLASSIC IS A TRADITIONAL COOLANT IDEALLY SUITED FOR OLDER* VEHICLES.

CLASSIC FORMULATION EXCELLENT VALUE

CONVENTIONAL DIESEL

HD EXPERT® Classic Antifreeze/Coolant is a fully formulated traditional engine coolant based on a proprietary formulation of corrosion inhibitors. The low silicate level of this aluminum compatible product allows it to be used in automotive, light duty, heavy duty diesel, and natural gas engine applications such as on-road trucks, off-road and farm equipment. It is recommended for use where a fully formulated heavy duty diesel coolant is required. This includes, but is not limited to, Caterpillar, Cummins, Detroit Diesel, Ford, Freightliner, GM, International Truck and Engine, Kenworth, Paccar, Peterbilt, Volvo/Mack and Western Star. This product is phosphate and amine free and does not require an initial charge of supplemental coolant additives (SCA) upon initial fill. It is specially formulated to protect heavy duty diesel wet sleeve liners. It is compatible with coolant filters, heavy duty diesel SCAs, hard water, and other traditional fully formulated corrosion inhibited engine coolants.

- Low silicate; phosphate and amine free
- Aluminum compatible
- Classic Conventional Diesel - recommended for use where a fully formulated heavy duty diesel coolant is required
- SCA pre-charged
- For automotive, light duty, heavy duty diesel and natural gas engine applications (on-road truck, off-road, farm equipment)
- Protects heavy duty diesel wet sleeve liners

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:	RECOMMENDED AND SUITABLE FOR USE WITH:
<ul style="list-style-type: none"> • ASTM D3306/D6210 • AS/NZS 2108.2004 Type A • CNHi MAT 3720 • Detroit Diesel Fluid Specification DFS93K217SLC • JCB • New Flyer eBus • TMC RP329B 	<ul style="list-style-type: none"> • Caterpillar • CNHi MAT 3620 • Cummins • CES 14603/14439/3666132 • Ford ESE-M97B44-A/ESE-M97B44-C • GM 1825M/1899M • GM Heavy Truck • International Truck • Kenworth • Kubota • Mack • Navistar MPAPS B-1 Typ II • PACCAR • Peterbilt • Volvo Heavy Truck

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PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
86-284	Concentrate	1 gal	4	0-56438-86284-0	400-56438-86284-8
86-474	50-50 pre-diluted	1 gal	4	0-56438-86474-5	400-56438-86474-3

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-289	Concentrate	208 L / 55 USG	-	0-56438-26289-3	-
26-479	50-50 premixed	208 L / 55 USG	-	0-56438-26479-8	-
26-289-275	Concentrate	1041 L / 275 USG	-	0-56438-90787-9	-
26-479-275	50-50 premixed	1041 L / 275 USG	-	0-56438-90788-6	-

*Recommended for on-road heavy duty vehicles requiring a nitrite-based antifreeze/coolant.



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TRUCK



CONSTRUCTION



AGRICULTURE



MARINE



EQUIPMENT

PREMIUM



HYBRID TECHNOLOGY OFFERING AN EXTENDED SERVICE LIFE, PREMIUM IS DESIGNED FOR BOTH LIGHT AND HEAVY DUTY DIESEL ENGINES.

YOUR ENGINE DESERVES PREMIUM EXTENDED LIFE DIESEL

HD EXPERT® Premium Antifreeze/Coolant is a low silicate, nitrite-based hybrid technology product that does not require a charge of SCA or coolant extender at initial fill. This product protects all coolant system metals and provides excellent wet sleeve liner cavitation protection. It is intended for use in older model light and heavy duty diesel applications where an extended service interval is required and is recommended for use in on-road truck, off-road, farm, marine, and stationary applications including, but not limited to, Caterpillar, Cummins, Detroit Diesel/MTU, GM Heavy Truck, Freightliner, PACCAR and Volvo/Mack.

This aluminum compatible product, when properly diluted, added as an initial fill and maintained in accordance with engine manufacturer's and product manufacturer's recommendations, will provide an in-service life of up to 600,000 miles/960,000 km, 12,000 hours, or 6 years, whichever comes first.

- Low silicate; phosphate and amine free
- CAT EC-1 compatible
- Premium Extended Life Diesel - recommended for use where an extended service interval is required
- DOES NOT require a charge of SCA or coolant extender at initial fill
- OEM (original equipment manufacturer) approved
- Protects all coolant system metals; provides wet sleeve liner cavitation protection
- Up to 600,000 miles/960,000 km, 12,000 hours or 6 years*
- For older model light and heavy duty diesel applications (on-road truck, off-road, farm, marine, stationary)

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:	RECOMMENDED AND SUITABLE FOR USE WITH:		
<ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • AS/NZS 2108.1:1997 Type A • Chrysler MS-9769 • MTU MTL 5048 • TMC RP 364 	<ul style="list-style-type: none"> • Caterpillar • CAT Stationary Engines (Gas/Diesel) • CNHi MAT 3720/3620 • Cummins 14603/14439/3666132 • DDC 7SE 298 • Deutz QDC CA-14 • Ford WSS-M97B51-A1 	<ul style="list-style-type: none"> • GM 1825M/1899M • International Truck • JCB STD00088 • Kenworth • Mack STD 418-0003 • MAN 324 N • Navistar MPAPS B-1 Typ III • PACCAR 	<ul style="list-style-type: none"> • Perkins Diesel • Volvo Heavy Truck STD 418-0003 • Waukesha Stationary Gas Engines

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PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
86-734	Concentrate	1 gal	4	0-56438-86734-0	400-56438-86734-8
86-834	50-50 pre-diluted	1 gal	4	0-56438-86834-7	400-56438-86834-5

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-739	Concentrate	208 L / 55 USG	-	0-56438-26739-3	-
26-839	50-50 premixed	208 L / 55 USG	-	0-56438-26839-0	-
26-739-275	Concentrate	1041 L / 275 USG	-	0-56438-90789-3	-
26-839-275	50-50 premixed	1041 L / 275 USG	-	0-56438-90790-9	-

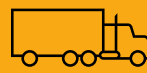
*with the use of a nitrite extender



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TRUCK DIESEL



LIGHT DUTY TRUCK



AGRICULTURE



EQUIPMENT

EXTRA



DEFENDS AGAINST	PROTECTS
CORROSION	ALUMINUM ENGINES
DETERIORATION	AGAINST EXTREME TEMPERATURES
RUST	AGAINST WET SLEEVE LINER CAVITATION



EXTRA IS SPECIFICALLY DESIGNED FOR COMPLETE MIXED FLEET USE IN BOTH FOREIGN AND DOMESTIC, FOR LIGHT DUTY AND HEAVY DUTY DIESEL.

ENGINEERED TO GIVE YOU EXTRA

FOR ALL VEHICLES
AUTOMOTIVE, LIGHT TRUCK & HEAVY DUTY DIESEL

HD EXPERT® Extra Antifreeze/Coolant is powered by PRO SHIELD™ OAT Corrosion Defense system, a proprietary organic acid technology (OAT) corrosion inhibitor package that DOES NOT contain 2-EHA and is BNAP (borate, nitrite, amine and phosphate) free. Designed for use in passenger vehicles, light duty and heavy duty diesel vehicles, including on-road, off-road, construction and farm applications. It provides protection against rust and corrosion for all coolant system metals, including aluminum, excellent protection against wet sleeve liner cavitation pitting and is compatible with aluminum radiators found in today's engine cooling systems.

- Compatible with all engine coolant technologies
- BNAP (borate, nitrite, amine and phosphate) and 2-EHA free
- Powered by PRO SHIELD™ OAT Corrosion Defense engineered for cooling systems
- Recommended for use in all makes and models of passenger vehicles, light duty and heavy duty diesel vehicles (on-road, off-road, construction, farm applications)
- Protects against rust and corrosion for all coolant system metals, including aluminum
- Excellent protection against wet sleeve liner cavitation pitting
- Automotive Light Duty: Up to 150,000 miles/250,000 km or 5 years
- Heavy Duty Diesel: Up to 600,000 miles/960,000 km, 12,000 hours or 6 years

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:	RECOMMENDED AND SUITABLE FOR USE WITH:		
<ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • TMC RP 364 	<ul style="list-style-type: none"> • Caterpillar • Chrysler MS-7170/MS-9769 • CNHi MAT 3724/3624 • Cummins • CES 14603/14439/14636 • DAF 74002 • Daimler Truck DTFR 29C120/29D120 • DDC 7SE 298/93K217 	<ul style="list-style-type: none"> • Deutz DQC CC-14 • Freightliner • GM 1825M/1899M • International Truck • JCB STD00088 • Kenworth • Kobelco • Kubota • Liebherr 	<ul style="list-style-type: none"> • Mack • MAN 324 Typ Si-OAT • MB Approval 325.5/326.5 • MTU MTL 5048 • PACCAR • Peterbilt • Scania • Volvo Truck • VW TL 774-G

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PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
86-324	50-50 pre-diluted	1 gal	4	0-56438-86324-3	400-56438-86324-1
86-314	Concentrate	1 gal	4	TBD	TBD

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-319	Concentrate	208 L / 55 USG	-	0-56438-90795-4	-
26-329	50-50 premixed	208 L / 55 USG	-	0-56438-90796-1	-
26-319-275	Concentrate	1041 L / 275 USG	-	0-56438-90797-8	-
26-329-275	50-50 premixed	1041 L / 275 USG	-	0-56438-90798-5	-



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MINING



CONSTRUCTION



AGRICULTURE



MARINE



TRUCK



EQUIPMENT

EXTREME



	DEFENDS AGAINST		PROTECTS
	CORROSION		ALUMINUM ENGINES
	DETERIORATION		AGAINST EXTREME TEMPERATURES
	RUST		AGAINST WET SLEEVE LINER CAVITATION



A FORTIFIED FORMULA WITH A LONG SERVICE LIFE, INDUSTRY PROFESSIONALS TRUST EXTREME TO PERFORM IN THE HARSHTEST OFF-ROAD ENVIRONMENTS.

EXTREME NEVER QUILTS EXTENDED LIFE DIESEL ENGINEERED FOR COOLING SYSTEMS

HD EXPERT® Extreme Antifreeze/Coolant is powered by PRO SHIELD™ OAT Corrosion Defense system, a proprietary organic acid technology (OAT) corrosion inhibitor package with nitrite and molybdate. It is free of BAPS (borate, amine, phosphate and silicate) and DOES NOT contain any 2-EHA. It protects coolant system metals against rust and corrosion and provides excellent aluminum and wet sleeve liner cavitation protection. Formulated for use in heavy duty diesel applications where extended service interval and aluminum compatibility are required and recommended for use in off-road, on-road truck, farm, and marine engine applications including, but not limited to, Caterpillar, Cummins, MTU, PACCAR and Volvo/Mack.

*OEM (original equipment manufacturer) Approved: HD EXPERT® Extreme Antifreeze/Coolant meets Cummins® Eng. Std. CES 14603.

- Nitrite and molybdate rich OAT (NOAT) corrosion inhibitor package
- CAT EC-1 compatible
- Free of 2-EHA, BAPS (borate, amine, phosphate and silicate)
- Powered by PRO SHIELD™ OAT Corrosion Defense - engineered for cooling systems
- Extreme Extended Life Diesel - recommended for use in heavy duty diesel applications where extended service interval and aluminum compatibility is required
- Up to 750,000 miles/1,200,000 km, 15,000 hours or 8 years†
- For use in on-road truck, off-road, farm and marine engine applications

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:	RECOMMENDED AND SUITABLE FOR USE WHERE OEM (ORIGINAL EQUIPMENT MANUFACTURER) RECOMMENDS NOAT:		
<ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • CAT EC-1 Specification‡ • TMC RP364 • Cummins • CES 14603 	<ul style="list-style-type: none"> • Caterpillar Stationary Gas Engines • Cummins 14603/14439/3666132 • Deutz DQC CB-14 • Ford WSS-M97B51-A1 • Hino Diesel Truck • Isuzu Diesel Truck 	<ul style="list-style-type: none"> • International Truck • JCB STD00088 • Mack STD 418-0003 • MAN 324 N • MTU MTL 5048 • Navistar MPAPS B1 Type III • Kobelco • Kenworth 	<ul style="list-style-type: none"> • PACCAR • Peterbilt • Volvo STD 418-0003 • Wärtsilä Stationary Diesel Engines • Waukesha Stationary Natural Gas Engines • Western Star

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PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
86-524	Concentrate	1 gal	4	0-56438-86524-7	400-56438-86524-5
86-534	50-50 pre-diluted	1 gal	4	0-56438-86534-6	400-56438-86534-4

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-529	Concentrate	208 L / 55 USG	-	0-59934-90595-0	-
26-539	50-50 premixed	208 L / 55 USG	-	0-59934-90599-8	-
26-529-275	Concentrate	1041 L / 275 USG	-	0-59934-90596-7	-
26-539-275	50-50 premixed	1041 L / 275 USG	-	0-59934-90600-1	-

†With the use of a nitrite extender.

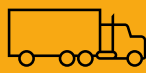
‡Meets CAT EC-1 physical and chemical properties and compatibility characteristics.



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KOSTUSA.COM
1-800-661-9391





TRUCK



AGRICULTURE



CONSTRUCTION



MARINE



MINING



EQUIPMENT

ENDURANCE



	DEFENDS AGAINST		PROTECTS
	CORROSION		ALUMINUM ENGINES
	DETERIORATION		AGAINST EXTREME TEMPERATURES
	RUST		AGAINST WET SLEEVE LINER CAVITATION



OFFERING THE LONGEST SERVICE LIFE POSSIBLE, ENDURANCE IS IDEAL FOR ON-ROAD, LONG-HAUL, CROSS-COUNTRY USAGE.

ENDURANCE GOES THE EXTRA MILE

ENDURANCE L415 MAXIMUM SERVICE LIFE DIESEL ENGINEERED FOR ALL COOLING SYSTEMS – EVEN THE NEWEST ONES

HD EXPERT® Endurance Antifreeze/Coolant is OEM (Original equipment manufacturer) approved and offers the longest service life compared to other antifreeze/coolants. It is ideal for newer cooling systems in any on-road and off-road applications. This formulation is free of BNAPS (borate, nitrite, amine, phosphate, silicate) and 2-EHA. Designed for intense heavy duty diesel, hydrogen and natural gas applications when high heat and aluminum protection is required.

*OEM (original equipment manufacturer) Approved: HD EXPERT® Endurance Antifreeze/Coolant now carries multiple formal OEM approvals including, Cummins®, Detroit Diesel®, Daimler Truck®, MAN®, MTU®, Navistar International®, Volvo®, and Deutz® for wide application breath and assurance for any HD applications.

- Superior aluminum protection
- No SCA or extender needed
- BNAPS (borate, nitrite, phosphate amine and silicate) and 2-EHA free
- With CCI L415 Technology
- Powered by PRO SHIELD™ OAT Corrosion Defense - engineered for cooling systems
- For use in all on-road and off-road vehicles
- Endurance Maximum Service Life Diesel – recommended for intense heavy duty diesel and natural gas applications where high heat and aluminum protection is required
- Protects latest coolant system materials against corrosion and deterioration
- Provides excellent CAB flux compatibility and wet sleeve liner cavitation protection
- Up to 1,000,000 miles/1,600,000 km, 20,000 hours or 8 years

OEM APPROVED; MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:		RECOMMENDED AND SUITABLE FOR USE WITH:	
<ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • AFNOR • Cummins • CES 14603 • Daimler Truck DTFR 29C110 • Detroit Diesel Fluid Specifications 93K217 • Deutz DQC CB-14 • JIS K2234 • MAN 324 SNF 	<ul style="list-style-type: none"> • MTU MTL 5048 • Navistar MPAPS B-1 Type III A • SAE J 814 • TMC RP364 • Volvo/Mack 	<ul style="list-style-type: none"> • AGCO • Case New Holland (CNHi) • Caterpillar • DAF • Detroit Diesel DDC • Fendt • Freightliner • GM Heavy Truck • International 	<ul style="list-style-type: none"> • John Deere • Kenworth • Komatsu • Kubota • PACCAR • Peterbilt • Scania • Waukesha

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PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
86-924R	Concentrate	1 gal	4	0-56438-90999-6	400-56438-90999-4
86-914R	50-50 pre-diluted	1 gal	4	0-56438-90998-9	400-56438-90998-7

DRUM/TOTE

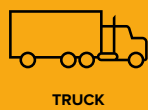
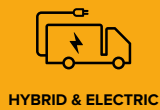
ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-929R	Concentrate	208 L / 55 USG	-	0-56438-56929-9	-
26-919R	50-50 premixed	208 L / 55 USG	-	0-56438-56919-0	-
26-929R-275	Concentrate	1041 L / 275 USG	-	0-56438-66929-6	-
26-919R-275	50-50 premixed	1041 L / 275 USG	-	0-56438-66919-7	-
BULK-16930R-50	50-50 premixed	BULK	-	-	-



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EXTEND



DEFENDS AGAINST	PROTECTS
CORROSION	ALUMINUM ENGINES
DETERIORATION	AGAINST EXTREME TEMPERATURES
RUST	AGAINST WET SLEEVE LINER CAVITATION



OFFERING A LONG SERVICE LIFE, EXTEND IS BASED EXCLUSIVELY ON ORGANIC ADDITIVE TECHNOLOGY (OAT) MAKING IT SUITABLE FOR HEAVY DUTY HYBRID AND ELECTRICALLY POWERED VEHICLES*.

ENGINEERED FOR THE LONG HAUL

LONG SERVICE LIFE FOR HYBRID & ELECTRICALLY POWERED VEHICLES

HD EXPERT® Extend EVX™ Antifreeze/Coolant is powered by PRO SHIELD™ OAT Corrosion Defense system, a proprietary organic acid technology (OAT) corrosion inhibitor package that is 2-EHA, borate, nitrite, amine, phosphate and silicate (BNAPS) free. Designed and recommended for intense service heavy duty electrically powered vehicles (EVs), including on-road, off-road, construction, marine, mining and agricultural.

- Conductivity: < 5000 µS/cm
- Elongates battery life
- Extended corrosion protection
- Formulated for BEV (battery electric vehicle) indirect cooling systems
- Compatible with other OAT coolants
- No SCA charge required
- Free of borate, nitrite, amine, phosphate and silicate (BNAPS) and 2-EHA
- Not low conductivity fluid

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF:	RECOMMENDED AND SUITABLE FOR USE WITH:
<ul style="list-style-type: none"> • ASTM D3306/D6210/D7583 • CNHi MAT 3724 • New Flyer eBus • TMC RP364 	<ul style="list-style-type: none"> • Caterpillar • Chrysler MS.90032/MS.50203/MS-12106 • CNHi MAT 3624 • Cummins • CES 14603/14 439/14 636 • DAF 74002 • Daimler Truck DTFR 29C110/29D110 • Detroit Diesel Fluid Spéc. DFS93K21 • Deutz DQC CB-14 • Deutz Stationary Diesel Engines • Ford WSS-M97B44-D • GMW3420/GM6277M • Jenbacher Stationary Natural Gas Engines • Kobelco • Komatsu KES 07.892 • MTU MTL 5048 • Navistar MPAPS B1-Type IIII A • Mack • MAN 324 Typ SNF • MB Approval 325.3 (conc.)/326.3 (50/50) • MWM • Scania • Vestas Wind Turbine Power Electronics — External Coolant System • Volvo • VW TL774-F • Wärtsilä Stationary Diesel Engines

LEARN MORE AT HDEXPERT.COM



By choosing EVX™ branded products you are choosing peace of mind. EVX™ solutions have been developed and tested to guarantee compatibility with battery and hybrid vehicles, ensuring optimal mechanical and battery protection in indirect cooling systems. EVX™ conventional coolants ensure excellent chemical stability and help reduce charging time.

PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
TBD	-	1 gal	-	-	-

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
26-459	50-50 premixed	208 L / 55 USG	-	0-56438-91084-8	-
26-459-275	50-50 premixed	1041 L / 275 USG	-	0-56438-90923-1	-

*Can also be used in internal combustion engine heavy duty vehicles.



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SUPREME



AN ETHYLENE GLYCOL BASED BATTERY SYSTEM FLUID FOR HEAVY DUTY USAGE*.

LOW CONDUCTIVITY FLUID FORMULATED FOR INDIRECT COOLING SYSTEMS IN HEAVY DUTY ELECTRICAL VEHICLES

HD EXPERT™ EVX™ Supreme Battery System Fluid is specifically formulated to control optimal temperature in high voltage battery systems. It is designed with high electric insulation formulation to eliminate interference associated with the high voltage created by large battery systems. Additionally, this coolant provides excellent corrosion protection for the metals found in current battery systems.

- Freezing point is -34°F (-37°C)
- Boiling point is 265°F (129°C) (min) at 15 psi pressure
- Blue color
- Conductivity: < 50 µS/cm
- Elongates battery life
- Excellent corrosion protection for metal alloys (specifically stainless steel, copper, brass and aluminum)
- Formulated for indirect cooling systems in heavy duty electric vehicles



By choosing EVX™ branded products you are choosing peace of mind. EVX™ solutions have been developed and tested to guarantee compatibility with battery and hybrid vehicles, ensuring optimal mechanical and battery protection in indirect cooling systems. EVX™ low conductivity fluids ensure low electrical conductivity, excellent chemical stability and ultra-fast charging compatibility.

LEARN MORE AT HDEXPERT.COM

PRODUCT PACKAGING SPECIFICATIONS

DRUM/TOTE

ITEM NO.	FORMULATION	CONTAINER SIZE	CASE PACK	UPC	SCC
18-739EVX	50-50 premixed	208 L / 55 USG	-	056438911012	-
18-739EVX-275	50-50 premixed	1041 L / 275 USG	-	056438911029	-

*For use in heavy duty electric vehicles. This is a low conductivity fluid. Do not mix with water or other conventional antifreeze/coolants.



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DIESEL EXHAUST FLUID



DEF DIESEL EXHAUST FLUID



SUITABLE FOR ALL
SCR EQUIPPED DIESEL VEHICLES

HIGH PURITY FOR OPTIMAL PERFORMANCE

- IMPROVES FUEL ECONOMY
- PROMOTES CLEANER COMBUSTION & EXHAUST

2.5 GAL (9.46 L)



ISO
22241



HD EXPERT™ DEF aids in achieving maximum vehicle performance and efficiency while reducing harmful emissions from diesel engines.

- NON-HAZARDOUS
- NON-FLAMMABLE
- REDUCES HARMFUL EMISSIONS
- API CERTIFIED AND MEETS ISO 22241

Directions: Ready to use, do not add water. Pour directly into DEF tank only. DO NOT add to the diesel fuel tank.

If in contact with skin, rinse well with water.

Storage Information: Store in a cool, dry, well-ventilated area out of reach of direct sunlight between 32° F (0° C) and 86° F (30° C). Freezing point of DEF is -11° C. However, frozen fluid can be thawed and used without concern of product degradation. Keep lid tightly closed when not in use.

INGREDIENTS: 67.5% Water (CAS#7732-18-5), 32.5% Urea (CAS#57-13-4)



SCAN ME
TO LEARN MORE

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Montréal, Québec H4T 1P4
1-800-361-6000 • www.reochem.com

PACKAGED IN CANADA
with domestic and imported components.

55-126HDEXP 0922



FOR POSITION ONLY



TRUCK



LIGHT DUTY TRUCK



AUTOMOTIVE

DEF (DIESEL EXHAUST FLUID)



YOUR TRUSTED PARTNER TO HELP REDUCE NO_x EMISSIONS.

SUITABLE FOR ALL SCR EQUIPPED DIESEL VEHICLES

- IMPROVES FUEL ECONOMY
- PROMOTES CLEAN COMBUSTION AND EXHAUST
- OFFERS FAST, NO-SPILL FILLING
- SPOUT IN EVERY CARTON
- MEETS ISO 22241 REQUIREMENTS
- API CERTIFIED
- REDUCES HARMFUL NO_x EMISSIONS

LEARN MORE AT [HDEXPERT.COM](https://hdexpert.com)

PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	PART NUMBER	CONTAINER SIZE	UPC	SCC
55-126HDEXP	13066	2.5 gal	056438909811	10056438909818

DRUM/TOTE

ITEM NO.	PART NUMBER	CONTAINER SIZE	UPC	SCC
55-129HD	13067	208 L / 55 USG (drum)	0-56438-919002-2	-
55-126HD-330	13068	1249 L / 330 USG (tote)	0-56438-91003-9	-

*100% Satisfaction Guaranteed. If you are unsatisfied with the performance of this product, we will refund you with proof of purchase from an authorized seller. Guarantee is valid for 90 days from purchase and will cover your first purchase of HD EXPERT DEF bearing the Satisfaction Guaranteed logo. Call us at 1-800-361-6030 to discuss your experience or email us at info@hdexpert.com. Limit one per customer/household. For full guarantee details, please visit https://hdexpert.com/wp-content/uploads/2023/01/HD-EXPERT_WARANTY_DOCUMENT-1.pdf



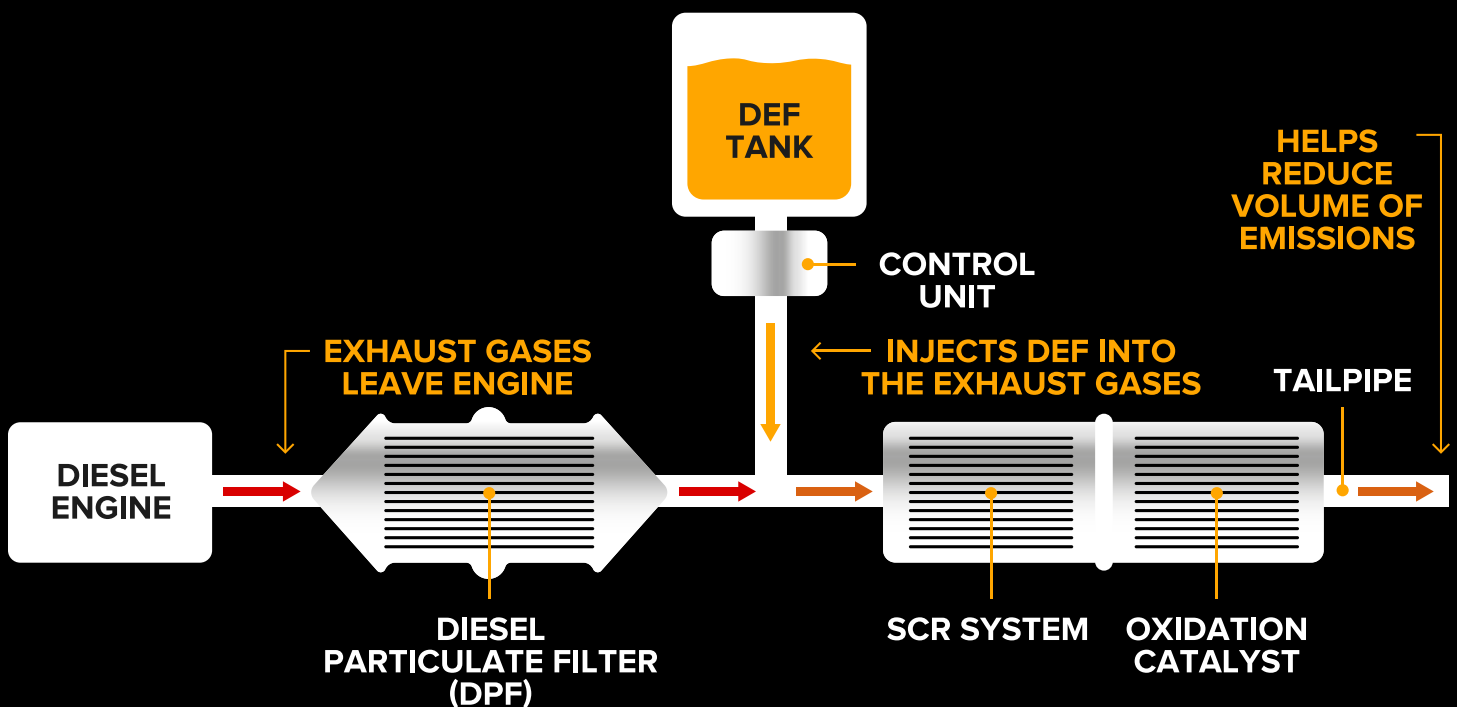
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HELPS REDUCE HARMFUL NOx EMISSIONS

MAXIMIZES YOUR FUEL EFFICIENCY
WITH HD EXPERT™ DEF



DIESEL EMISSIONS CONTROL SYSTEM OVERVIEW





PERFORMANCE FLUIDS





CONSTRUCTION



TRUCK



LIGHT DUTY TRUCK

AIR BRAKE ANTIFREEZE



COMPLETE WINTER PROTECTION

FOR DIESEL TRUCKS, BUSES AND CONSTRUCTION EQUIPMENT

HD EXPERT™ Air Brake Antifreeze helps promote optimal winter performance in heavy duty air brake systems.

- HELPS PREVENT FREEZING OF AIR LINES
- COMBATS MOISTURE AND CONDENSATION
- LUBRICATES VALVES AND SEALS
- METHANOL-BASED

LEARN MORE AT HDEXPERT.COM

PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	CONTAINER SIZE	CASE PACK	UPC	SCC
TBD	1 gal	4	-	-

DRUM/TOTE

ITEM NO.	CONTAINER SIZE	CASE PACK	UPC	SCC
25-269HDX	208 L / 55 USG	-	056438910909	-



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TRUCK



LIGHT DUTY TRUCK



MARINE



AUTOMOTIVE

DIESEL FUEL CONDITIONER



HEAVY DUTY ANTI-GEL WINTER PERFORMANCE FOR DIESEL ENGINE PROTECTION

HD EXPERT™ Diesel Fuel Conditioner helps promote optimal winter performance in heavy duty diesel engines. Formulated to prevent fuel from gelling at extreme low temperatures, which can cause filter clogging and vehicle down time related costs. Special cold flow “anti-gel” additives work to reduce pour point and cold filter plugging point (CFPP) of the fuel, improving cold start and combustion performance. This product has been developed for use in all types of diesel fuel, including ultra-low sulfur diesel (ULSD), to meet the industry’s most stringent performance requirements in both light duty and heavy duty diesel vehicles.

- CLEANS, PULLS EXCESS WATER AND HELPS PREVENT DEPOSIT FORMATION
- PROVIDES LUBRICATION TO THE DIESEL FUEL
- REDUCES HARMFUL EMISSIONS
- PROTECTS SYSTEM FROM OVERALL CORROSION AND WEAR
- IMPROVES FUEL ECONOMY FOR INCREASED POWER AND MILEAGE
- ULTRA-LOW SULPHUR (max. 3 ppm)

LEARN MORE AT HDEXPERT.COM

PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	CONTAINER SIZE	CASE PACK	UPC	SCC
TBD	0.5 gal	6	-	-

DRUM/TOTE

ITEM NO.	CONTAINER SIZE	CASE PACK	UPC	SCC
25-299HDX	208 L / 55 USG	-	056438910916	-



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MINING



AGRICULTURE



CONSTRUCTION



TRUCK



LIGHT DUTY TRUCK

METHYL HYDRATE



HD EXPERT™ METHYL HYDRATE IS NOT AN ANTI-FREEZE FOR DIESEL FUEL. DO NOT ADD TO DIESEL FUEL, OR USE AS A FUEL.

WINTER PERFORMANCE FOR TRUCKS, MINING, CONSTRUCTION & AGRICULTURE EQUIPMENT

HD EXPERT™ Methyl Hydrate promotes optimal defrosting of air line hoses in heavy duty vehicles.

- EXTREMELY LOW FREEZE POINT
- MINIMIZES WEAR OF VALVES AND SEALS
- OFFERS YEAR-ROUND PROTECTION OF AIR LINES

LEARN MORE AT HDEXPERT.COM

PRODUCT PACKAGING SPECIFICATIONS

USA

ITEM NO.	CONTAINER SIZE	CASE PACK	UPC	SCC
TBD	1 gal	4	-	-



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THE HD EXPERT GUARANTEE

VISIT OUR WEBSITE FOR FURTHER
WARRANTY PROGRAM DETAILS, INCLUDING
TERMS AND CONDITIONS THAT APPLY

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