



GENUINE PRODUCTS

6 YEARS LIFE

1.5 MILLION KM / 36,000 HRS*

PREMIXED

**LIFE OF ENGINE COOLANT*
NO EXTENDER, SCA OR CHEMICAL
WATER FILTER REQUIRED**

MADE IN AUSTRALIA



PGXL[®]

Vital

**ADVANCED EXTENDED LIFE
HEAVY DUTY COOLANT**



PGXL[®]Vital 
ADVANCED EXTENDED LIFE HEAVY DUTY COOLANT

PGXL® Vital is Cummins' answer to the maintenance demands of heavy duty diesel cooling systems and outperforms most other heavy duty coolant products in the market place today.

Advanced engine protection

- Advanced liner pitting/cavitation and corrosion protection.
- Superior aluminium and solder protection which prevents corrosion and erosion damage.
- Recommended for all diesel, petrol, LPG and natural gas engines.
- Compatible with all chemical-free Extended Service (ES) and standard service coolant filters.
- 2-Ethylhexanoic (2-EH) acid free formulation.
- Complete protection of your engine's cooling system (metals, elastomers, gaskets, and other non-metallic components such as nylon, plastics, silicon seals and hoses).
- Extended service coolant for all on-highway and off-highway applications: 'life of the engine', 1.5 million km / 6 years or 36,000* hours, with no inhibitor extender or SCA required (NB. an engine's load factor has a major role in determining engine life).
- Contains proprietary scale inhibitors which prevents scale formation on hot metal surfaces.
- Use PGXL® Vital to provide advanced engine protection, extended service intervals and to simplify your cooling system maintenance program.

Environment

- Improved environmental formulation meets global OEM requirement for coolant containing no borates, nitrites, amines, phosphates or silicates (BNAPS free).
- Propylene glycol based coolant.
- No HAZCHEM code.
- No EPA spill reporting (of new coolant).
- Biodegradable .
- Do not dispose of PGXL® Vital via the sewer or storm water systems.
- Where in doubt contact the responsible EPA authority
- Refer to the product SDS.

Safety and ease of use

- Safer to handle; no dangerous goods class & no poison schedule number.
- Propylene glycol has a much lower toxicity than conventional ethylene glycol.
- Premixed for ease of maintenance, quality and best performance.
- Simple to use Fleetguard test strips part number CC36089 to monitor coolant concentration and coolant condition.

Simple maintenance

In on/off-highway applications and with proper system maintenance PGXL® Vital offers 'life of the engine', 1.5 million km / 6 years or 36,000* hours cooling system protection without the need of an extender. As a guide testing should be conducted at least every 12 months, 250,000 kms or 4,000 hrs, or more regularly in dusty environments (eg. mining). These quick and accurate tools are all you need:

- For testing coolant condition use easy to read Fleetguard 4-way test kit CC36089 that checks primary additive levels, pH and glycol content. The test strip checks for the presence of nitrite, indicating that the coolant has been contaminated with a nitrite containing coolant, SCA or a chemical filter.
- PGXL® Vital refractometer (CC36090) (calibration point 34.6° Brix) is used to determine propylene glycol content.

PGXL® Vital is designed to be used in Cummins engines and other brands in your fleet, whether it be for heavy duty engines with wet cylinder liners, light duty engines or passenger car engines. PGXL® Vital will protect your asset. The product has been rigorously field tested locally in both on-highway and off-highway heavy duty applications. PGXL® VITAL is approved by Cummins and exceeds the requirements of internationally recognised ASTM standards for heavy duty and light duty/passenger car coolant:

- CES 14603 - Cummins heavy duty coolant standard.
- CES 14439 - Cumminsheavy duty coolant standard (engines: high lead solder and silicone elastomer free).
- CES 14636 - Cummins light duty (nitrite free) coolant standard.
- ASTM D6210 (standard for fully-formulated glycol base engine coolant for heavy-duty engines) ASTM D3306 (standard specification for glycol base engine coolant for automobile and light-duty service).
- TMC RP 364 - Fleet purchasing specification for organic additive technology extended life coolant.

PGXL® Vital can be used in, but not restricted to, the following OE brands: Case New Holland®, Caterpillar®, Cummins®, DAF®, Detroit Diesel®, Freightliner®, IVECO®, John Deere®, Komatsu®, Liebherr®, MACK®, MAN®, Mercedes®, MTU®, Navistar®, PACCAR®, Volvo®, Waukesha®

Protection against wear

Coolant filtration is proven to reduce wear and optimise cooling system performance. This is especially important for coolants that stay in the engine longer. Where OEM chemical free filters are used follow the manufacturer's guidelines. Service recommendations for changing your Fleetguard extended service non-chemical filters is every 12 months, 250,000 km or 4,000 hrs, or standard service filters can be used at each oil filter change.

Replacing another coolant with PGXL® Vital

Check existing coolant is in good condition and there are no visible signs of contamination such as rust, solder bloom, oil etc. Top up with PGXL® Vital, however, for maximum protection and full warranty support it is strongly recommended that a water flush, drain, and replacement with PGXL® Vital is done at the next major service interval. If the cooling system is contaminated, use the appropriate Fleetguard Restore or Restore Plus product to clean the system first. To ensure on-site product integrity, bulk tanks and service trucks need to be drained and cleaned. Only 100% PGXL Vital® can give 100% PGXL Vital® protection.

Cleaning with Fleetguard® Restore®

If there are visible signs of contamination Fleetguard Restore products should be used for cleaning followed by a thorough flush to remove all traces of the cleaner prior to filling with PGXL® Vital. Restore (CC2610, CC2611) removes oil and grease. Restore Plus (CC2638) removes rust, corrosion, scale and solder bloom. The underlying cause of the contamination or problem needs to be investigated and resolved to avoid repeat issues.

Best warranty in the business

In the unlikely event that a product defect requires repair of the engine or components, Cummins will reimburse reasonable costs to repair or replace, whichever is less, the damaged engine or components. Equipment warranties should not be voided solely due to the use of Cummins products. Warranty coverage for PGXL® Vital coolant applies for full fill situations where 100% PGXL® Vital coolant is being used in the application. Cummins cannot warrant its chemical products if they are mis-applied or used under improper maintenance practices.

- Uncomplicated, simple warranty statement.
- Warranty in the language of your choice.
- Non pro-rated warranty.
- Industry-leading response time.
- 24-hour customer assistance.

Package Options

VOLUME	PART NUMBER
5 litre	PGXLVITAL-5L
10 litre	PGXLVITAL-10L
20 litre	PGXLVITAL-20L
208 litre	PGXLVITAL-208L
1000 litre	PGXLVITAL-1000L
Bulk	PGXLVITAL-BULK

Bulk PGXL® Vital coolant

- Available in all major Australian locations.
- Delivered direct to you and unloaded into your bulk tank.
- Deliveries from 4,000 litres to 20,000 litres as required.
- Our commitment is to deliver reliably, on time and in full.

Why bulk?

- Bulk on-site takes your coolant supply management problems away.
- Bulk on-site eliminates handling and packaging disposal problems.
- Bulk on-site improves the efficiency of your operation.
- Bulk on-site helps eliminate potential safety problems.

PGXL® Vital SERVICE LIFE:

6 years or 1.5 million km, or up to 36,000 hrs in high horsepower (HP) engines depending on load factor and operating conditions and if maintained properly will last the life of the engine (refer product literature). Supported by Cummins global warranty (refer www.cummins.com.au).

*LIFE OF ENGINE:

Will be dependent on various factors including but not limited to; engine operating conditions, duty cycle, maintenance practices, fuel, oil, and filtration quality.
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For complete ordering information, FAQs and the product brochure, call Cummins Support Centre on 1300-286-646. Safety and handling information is available in the SDS.
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