



Fleetfacts

Fleetguard[®] PG Platinum[™]

Australia has a vast array of products and equipment coming into the country from all parts of the world. The demands of manufacturers include an expectation that the coolant used in their engines meets their specifications.

To ensure the Fleetguard[®] brand remains at the forefront of coolant development and technology, Cummins Filtration[®] has introduced PG Platinum Heavy Duty Engine Coolant to meet and exceed those expectations.

Manufactured by Cummins Filtration in our Melbourne facility (Fig. 1), production is in high demand for our latest product that sets the benchmark in coolant technology.

Past performance puts us ahead

Cummins Filtration has been producing high quality heavy duty coolant in Melbourne for over 15 years. We have developed our products to provide the performance required by modern engines and at the same time to provide benefits to our customers in the form of quality and cost effective solutions for maintaining costs within their business.

Our advanced formula, PG Platinum coolant, meets the specifications of most manufacturers around the world. Propylene glycol is the base component in PG Platinum and is a preferred alternative to ethylene glycol because it's safer for you, your engine and your environment.



Fig. 1 Cummins Filtration's coolant facility in Melbourne

The long run

We've ensured only ingredients that meet manufacturer's specifications have been used in the formulation of PG Platinum. Accordingly, components such as nitrite, amine, phosphate and silicate (NAPS) are not contained within the PG Platinum additive package. The result is a superior product that is easier to handle, safer to use, performs better and lasts longer. With a product life expectancy of 20,000 hours (1.5 million kms), PG Platinum is expected to outlive most engines in which it is used. Coupled with the simpler servicing method of only requiring a top up of additive every 6000 hours, downtime and maintenance costs are reduced with the use of PG Platinum.



How is it different?

Many coolants are made up of a formulation consisting of inorganic and organic additives; the additive package in PG Platinum is 100% organic. This helps extend the service intervals and overall life expectancy of the product. Additionally, PG Platinum's chemistry allows it to be easily used for top ups on top of existing coolants. This means that changeover can start immediately without risk of reaction, which is often associated with other coolants. PG Platinum contains no DCA4 additive so filters with chemical additives are no longer required. This is great for inventory management and servicing as only non-chemical filters are required.



Simpler servicing

PG Platinum requires testing every six months to ensure the health of the coolant system is being maintained. The test strips that need to be used for PG Platinum (CC36089) will give an indication of whether the coolant is being mixed with other nitrite containing coolants as well as indicating if the coolant is being diluted. Dilution will compromise the performance of coolant. Service personnel will be able to easily identify improper practices that inhibit good coolant system maintenance.



- PG Platinum is safe to use in any engine
- PG Platinum is safe to use on engines with silicon seals
- PG Platinum is easily recognisable thanks to its red colouring, however the colour may change when mixed with other coolants but this is only cosmetic
- To service PG Platinum, one litre of PG Platinum™ Extender (CC36091) must be added for every 60 litres of coolant every 6000 hours (500,000 kms).
- PG Platinum is available in 4, 10, 20, 208 & 1000 litres containers as well as bulk shipments
- Due to the revolutionary chemistry used in the formulation of PG Platinum, a new refractometer (CC36090) is needed to test the glycol levels.

Question time

- 1) How much and how often is additive used to service PG Platinum?
 - a) 6 litres of additive for every 1000 litres of coolant every 1000 hours
 - b) 1 litre of additive for every 1 litre of coolant every hour
 - c) 1 litre of additive for every 60 litres of coolant every 6000 hours
- 2) What engines can PG Platinum be used in?
 - a) Any engine
 - b) Only red engines
 - c) Only diesel engines
- 3) What sort of coolant filters should be used with PG Platinum?
 - a) Fuel filters
 - b) Non-chemical filters only
 - c) Filters with DCA4 additive



Cummins Filtration
31 Garden Street
Kilsyth Victoria 3137

Tel: +61 3 9721 9100
Freecall: 1800 032 037
Fax: +61 3 9721 9147
Internet: cumminsfiltration.com

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