

Blue Premium Long Life Coolant 100% Concentrate (BLL)

Nulon Blue Premium Long Life Coolant 100% Concentrate (BLL) is Silicate, Borate and Phosphate free. Japanese vehicles require Silicate and Borate free coolant, while European vehicles require Phosphate free coolant. Nulon's unique formula allows Nulon Blue Premium Long Life Coolant 100% Concentrate to be used as top up, service fill or dry fill in vehicles with blue coolant super long life technology.

Nulon Blue Premium Long Life Coolant 100% Concentrate uses the latest unique organic additives and full glycol content to provide excellent cooling system protection from corrosion and anti-freeze/anti-boil performance for the latest model vehicles using blue coolant technology.

Nulon Blue Premium Long Life Coolant 100% Concentrate provides protection up to 8 years or 500,000km, whichever occurs first, when using demineralised/deionized water at 50% volume dilution. When used as top up with other blue coolant, the original fluid remaining service life needs to be adhered to.

Blue coolant technology has become the latest super long life coolant formula used in factory fill by many vehicle manufacturers in recent years. Many Japanese vehicles (Honda, Subaru, Nissan, Suzuki, Mitsubishi and many more) require the use of blue coolant inside and outside warranty. European brands such as Mercedes Benz and BMW have long been known to use blue coolant in their vehicle cooling systems. Nulon Blue Premium Long Life Coolant 100% Concentrate is formulated to suit both Japanese and European blue coolant.



Benefits:

- Safe for use in Japanese vehicles as it DOES NOT contain Silicate or Borate
- Safe for use in European vehicles as it DOES NOT contain Phosphate
- Type A Glycol Coolant for ultimate anti-freeze/anti-boil protection
- Contains unique OAT technology for ultimate corrosion protection
- Long service life of 8 years or 500,000 km service life (whichever comes first) when used as directed
- Proven performance in aluminium, steel, cast iron, solder, copper and brass
- Safe for hoses, gasket and seals.
- Suitable for top-up, service fill or dry fill
- Is the same blue colour as the original manufacturers blue coolant

Applications:

Nulon Blue Premium Long Life Coolant 100% Concentrate is recommended for use in vehicles requiring blue coolant super long life technology. Check with Nulon if your vehicle is not listed.

Physical Properties:

Property	NULON BLL
Density (g/ml at 20°C)	1.118
Reserve alkalinity (ml)	6 typical
Glycol content (grams p/litre)	1034
pH (50% v/v in water)	8.7
Foaming: Volume (mls) Break Time (seconds)	45 max 2
Colour	Greenish blue

Temperature protection chart (Using 105 kPa radiator cap)

Mix ratio	Makes	Boils@	Freezes@
50%	1 litre makes 2 litres	128°C	-34°C

Glassware Corrosion Test (ASTM D 1384)

Metal	*AS 2108.1:2004 Type A	Typical Result for Nulon BLL @50/50 ratio
Copper	10 max	-1
Solder	15 max	-2
Brass	10 max	-1
Steel	10 max	0
Cast iron	10 max	0
Cast Aluminium	15 max	-5

* Maximum allowed weight loss (mg)

Simulated Service Test (ASTM D 2570)

Metal	*AS 2108.1:2004 type A	Typical Result for Nulon BLL at

	(mg/cm ² /week)	50/50 ratio
Copper	20 max	-5
Solder	30 max	1
Brass	20 max	4
Steel	20 max	-1
Cast iron	20 max	2
Cast Aluminium	30 max	-1

Aluminium Water Pump Cavitation-Erosion Test (ASTM D 2809)

Metal	AS 2108 Type A (rating out of 10)	Typical Result for Nulon BLL at 50/50 ratio(rating out of 10)
Cast Aluminium	8 min	9

Aluminium Heat Rejection Corrosion Test (ASTM D 4340)

Nulon BLL at 50/50 ratio Corrosion Rate (mg/cm ² /week)	AS 2108.1:2004 Type A (mg/cm ² /week)
0.1	1.0 max

Safety Directions

SAFETY: Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Suspected of damaging fertility or the unborn child. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Store locked up.

FIRST AID: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor (at once).

ENVIRONMENT: Dispose of contents/container in accordance with local council regulations.

Meets or exceeds the following oil industry specifications

AS Claims	AS 2108-2004 Type A
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ASTM	ASTM D1384, ASTM D2570, ASTM D2809, ASTM D3306, ASTM D4340
BMW	N 600 69.0
Honda	Honda Radiator Coolant Type 2 (Blue)
Mercedes Benz	MB 325.0
Mitsubishi	Mitsubishi Super Long Life Premium Coolant (Blue) part MZ313950
Nissan	Nissan Blue Long Life Antifreeze/Coolant
Opel	Opel B 040 0240
Other Claims	JIS K2234 (Japan)
Saab	SAAB 690 1599
Society of Automotive Engineers	SAE J1034
Subaru	Subaru Super Long Life coolant (Blue)
Suzuki	Suzuki Super Long Life coolant (Blue)
VW	TL-774-C

Pack Sizes



Part No: BLL5
 5 litres - 3 Per Carton
 Barcode: 9311090003958



Part No: BLL20
 20 litres - Single Unit
 Barcode: 9311090003965