

AISIN



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Ultra LLC

Issued by AISIN Europe Aftermarket

ULTRA LONG LIFE COOLANT



Product data sheet: AISIN Ultra Long Life Coolant

Descriptions:

Specially formulated with latest-generation Organic Additive Technology (OAT) with a phosphate base, this new ready-to-use coolant protects engines in all conditions, from the harshest winters to the hottest summers, and boosts their efficiency with a longer service life.

But the greatest advantage of Aisin coolant is that it not only complies fully with all European specifications – it also meets worldwide requirements, including Japanese and Korean OEM standards. Additionally, and perhaps unique in Europe, our coolant exceeds Japanese Industry Standard (JIS) K 2234-2006 Class 2 approval for Long Life Coolants.

- All makes, all models, suitable for all mixed fleets
- Ready-to-use
- Long life: 5 year /250,000 km
- Advanced P-OAT (hybrid) technology
- Lower freezing point (-37°C)
- Higher boiling point (+129°C)
- Protects against corrosion, anti-cavitation & erosion
- Excellent hard water stability
- Superior heat transfer due to absence of silicates
- Eco-friendly and user-friendly (does not contain silicate, nitrite, boron or amines)

Applications:

“AISIN Ultra Long Life Coolant” is an all-round coolant that exceeds the industry standards JIS K 2234-2006 Class II, ASTM D3306 and ASTM D6210, and is highly suitable for use in Japanese and Korean vehicles, in line with their basic chemistry requirements. Additionally, thanks to the latest-generation OAT providing the protective backbone, this coolant is also high suitable with all the European and North American coolant specifications, a genuine Premium All Makes and All Models coolant.

Based on a Phosphated Organic Additive Technology (P-OAT), “AISIN Ultra Long Life Coolant” may be used with confidence in engines manufactured from cast iron, aluminium or combinations of the two metals, and in cooling systems made of aluminium or copper alloys. Full material compatibility is also tested and assured for all the rubber seals (water pump) and other elastomers found in the modern automotive cooling systems.

Performance levels:

- **JIS** – Japanese Industry Standard – K 2234-2006 Class II (Long Life Coolant)
- **ASTM D3306** (ASTM standard specification for ethylene glycol based engine coolant for Automotive and Light Duty Service and entails physical-chemical tests and corrosion tests, including simulated service test and cavitation-erosion test)
- **ASTM D6210** (Standard specification for fully-formulated glycol based engine coolant for engines operating in a Heavy-Duty cycle environment having successfully passed the John Deere Wet-Cylinder Liner Cavitation test)
- **AFNOR** NFR 15-601 (hard water stability and solubility requirement)

Recommended for use in:

Daimler AG – FUSO, Doosan Infracore – Bobcat, Fuji Heavy Industries – Subaru, GM – Daewoo, Honda, Hyundai / KIA, Kubota, Mahindra & Mahindra – SsangYong, Mazda, MHI – Mitsubishi, Nissan Renault Group – Nissan, Infinity, Renault, Samsung & Datsun, Suzuki, Maruti-Suzuki, Toyota Motor Corp. – Toyota, Lexus, Daihatsu, Hino.

AISIN Ultra Long Life Coolant is also highly suitable for the following applications:

- Ford specification WSS-M97B44-D
- Mercedes-Benz specification 325.3
- General Motors specification GM 6277M
- MAN specification 324 type SNF
- Volkswagen specification TL 774F (G12+)

Typical Characteristics:

Colour	AISIN blue
Density at 20°C, kg/l	1.071