

AISIN SUPER LONG-LIFE COOLANT (SLLC) PRODUCT DATA SHEET

Item : AISIN Super Long-Life Coolant(SLLC)

Feature

- AISIN Super Long-Life Coolant (SLLC: SCPM50A series) is designed to use without further dilution. (Freezing point : -40degree)
- AISIN SLLC contains organic acid-based antirust agent which ensure performance and longer life.
- AISIN SLLC is engineered and manufactured in Japan to prevent overheat in summer and prevent freeze proofing in cold winter. Adding anti-foaming agent, ensure the cooling performance and anti-rust agent prevent radiator and water channel from rusting.
- AISIN SLLC does not contain Amine which is considered as the carcinogen.

Physical & Performance data

Test method based on JIS K2234(Antifreeze)

Test Item		Typical Spec.	Typical Result	
Appearance (Color)		Clear Blue / Pink Color	Clear Blue / Pink Color	
Density g/cm ³ (20°C)		1.083~1.093	1.088	
Forming Tendencies ml		2 or less	0	
pH		7.7~8.2	8.0	
Freezing Point °C		-40 or less	-40.4	
Corrosion Test Undiluted (with Corrosive Additive) 88±2°C 336±2h	Test Piece	Weight Change mg/cm ²		
		Cast Aluminum	±0.30	-0.01
		Cast Iron	±0.15	+0.01
		Steel	±0.15	-0.01
		Brass	±0.15	+0.01
		Solder	±0.30	-0.02
		Copper	±0.15	+0.02
		Appearance	There should be no visible corrosion except for the contact area between the test piece and the spacer. Discoloration is not a problem.	pass
		Forming Tendencies	Liquid should not overflow from the glassware.	Pass
		Liquid Properties after test		
	pH	7.0~8.5	7.9	
	pH Change	±0.5	-0.1	
	Liquid Phase	Color should not change significantly. The liquid should not show any significant changes such as separation or gel formation.	Pass	
	Precipitate vol%	0.5 or less	0.01 or less	
Corrosion of Aluminium Alloys at Heat-Rejecting surface (mg/cm ²) Undiluted (with Corrosive Additive) 135±2°C, 168±2h		±1.0	-0.1	