PRINCE LUBRICANTS®

PRODUCT INFORMATION
& DATA SHEET

50/50 ANTIFREEZE/COOLANT G13 -40°C

Premix ready-to-use Silicated Organic Additive Technology (Si-OAT) violet coolant of the latest generation, with an environmentally friendly glycerin base, delivers advanced thermal stability and ultimate corrosion protection across a wide range of modern engine systems. Designed for long service life of up to 350,000 km or 5 years, it ensures reliable performance in both winter and summer conditions. Its low-silicate hybrid inhibitor technology provides enhanced protection for the latest aluminum and mixed-alloy components while remaining free from Borates, Phosphates, Amines, and Nitrates. Fully compatible with modern seal and gasket materials. Safe to mix with all Hybrid or Si-OAT based VW G12++ (TL-774G) and VW G13 (TL-774J) specified antifreeze coolants.

Conforming to specifications and recommended for application

- ASTM D3306, D4985, D7583
- Cummins CES 14603 Si-OAT
- Deutz DQC SK-14
- MAN 324 Si-OAT
- MTU MTL 5048 Si-OAT
- Scania TB1501
- VW/Audi TL-774G, TL-774J (G12++, G13)

Typical properties

Fluid Colour		Violet
Density at 20 °C; kg/m³	ASTM D1121	1,130.00
PH Value	ASTM D1287	7.6
Freezing Point; °F (°C)	ASTM D1177	-40 (-40)

Service recommendation

Recommended service life: up to 350,000 km or 5 years, whichever comes first, under normal operating conditions. Always follow OEM replacement intervals for optimal performance. Chemically compatible for top-up with Si-OAT based coolants conforming to TL-774G (G12++) and TL-774J (G13) specifications. This product is ready-to-use and should not be diluted.

Disclosure

The product information and typical properties are subject to change without notice. We reserve the right to alter the technical data to align with ongoing technical developments.

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