

Raysun Organic Polaris

Long Life Radiator Coolant

Raysun Organic Polaris, is high performance, environment friendly, long life radiator coolant and corrosion inhibitor concentrates. It is formulated from premium quality MEG and exclusive inhibitors to provide corrosion protection for all engine and cooling system components including aluminum, iron, copper, steel and solder alloys. It offers long-term corrosion protection under all weather and operating conditions. It is Nitrates, Nitrites, Borates, Amines, Phosphates and Silicate Free and formulated with 100% organic additive and inhibitor

Advantages

- Universal formula for Automotive, Heavy Duty Trucks and Buses, Light Commercial Vehicles and Utility Vehicles
- .Protect the cooling system against freezing, corrosion
- .Excellent heat transfer properties
- .Compatible with cooling system filters
- .Compatible with rubber O-ring, water pump seals, hoses or gasket material found in most cooling system

Applications

- Recommended for use in radiators of heavy duty trucks and buses, Light Commercial Vehicles, Passenger cars and Utility Vehicles at 30-50% concentration level
- .For maximum protection against freezing a 50% solution (1 part antifreeze to 1 part water) can be used

Specifications

- ASTM D 3306

Raysun Organic Polaris

Values	ASTM Method	Test Parameters
8.2	D 1287	pH 50% Aqu.
5.6	D 1121	Reserve Alkalinity
167	D 1120	Boiling Point (Original), min
108	D 1120	Boiling Point (50% v/v in water), min
-40	D 1177	(Freezing Point (50% v/v in water
-18	D 1177	(Freezing Point (33.3% v/v in water

Raysun Organic Polaris 40%, 50% and 60% are made by adding 40, 50 and 60 percent coolant to distilled water.

Raysun Organic Polaris 60%	Raysun Organic Polaris 50%	Raysun Organic Polaris 40%	ASTM Method	Test Parameters
Values				
1.080	1.065	1.056	D 1122	Density @ 15.5°C, kg/l
8.74	8.2	8	D 1287	pH
2.5	2.2	1.7	D 1121	Reserve Alkalinity
111	108	106	D 1120	Boiling Point
52-	40-	-28	D 1177	Freezing Point

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."

