ENEOS Super Cool BSG

Organic Antifreeze Coolant

Nitrite, Amine & Phosphate free formulation

ENEOS Super Cool BSG is homogenous and stable formulation based on MEG-OAT (Monoethylene glycol – Organic Acid technology), recommended for cooling systems of combustion engines (LPG, gasoline and diesel) and other heat transfer systems like central heating installations. This coolant is completely safe for rubbers, plastics, metals, aluminum and alloys.

FEATURES & BENEFITS

1. **Corrosion protection**
   Improved engine reliability and durability for all year round protection.
2. **Frost protection**
   Offers winter protection against engine freeze damage.
3. **Boiling protection**
   Control of overheating, coolant loss and breakdown at high engine temperatures
4. **Miscibility**
   Mixes with existing coolant in system
5. **Seal compatibility**
   Suitable for general use in all vehicle engines

APPLICATIONS

- Passenger car gasoline, diesel and LPG engines
- Light-duty commercial vehicle gasoline and diesel engines
- Heavy-duty diesel engines fitted with wet or dry liners, in on and off-highway service
- Motorbike, Power equipment & Outboard engines
- Heat transfer systems like central heating installations
- This concentrate provides year-round frost & corrosion protection. It is recommended to use atleast 33 vol. % of this concentrate in the coolant solution, providing frost protection to -18°C. Concentrations higher than 70 vol. % are not recommended as the maximum frost protection is reached.

PACK SIZES

1L, 5L, 60L & 200L

PERFORMANCE LEVELS

- BS 6580 (1992)
- BS 6580 (2010)

TYPICAL PROPERTIES

		Protection Temperature		
Parameters	**Concentrate**	-37 °C	-26 °C	-18 °C
Appearance	GREEN			
Density @ 20°C	1.131	1.078	1.065	1.052
Vol% conc.	N/A	**50**	**40**	**33**
pH	8.6	8.4	8.4	8.3
Boiling Point	155 °C			
Reserve Alkalinity mL ml HCl 0.1N PH 5.5	3.0	~ 1.6	~ 1.3	~ 1.0
Flash Point (PMCC)	Estimated 122 °C			

Note: The typical properties may be changed without notice. (May 2014)

TYPICAL MIXING RATIO

Vol % in water	33	40	50	60	70
Freezing Protection °C	**-18**	**-26**	**-37**	**-53**	**-69**

COMPATIBILITY & MIXABILITY

For optimal performance and controlled quality, we recommend the use of deionised or distilled water to prepare the ready-to-use dilutions. We refer to our product information leaflet on water quality recommendations. Contact us for more information.

STORAGE REQUIREMENTS

- The product should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimized.
- As with any antifreeze coolant, the use of galvanized steel is not recommended for pipes or any other part of the storage/mixing installation.
- Further, it is strongly advised not to expose coolant in translucent packages to direct sunlight because this can degrade the colour dyes present in the coolant, and result in fading of the colour or discoloration over time. This reaction can be accelerated with high ambient temperatures. It is therefore advisable to store coolant filled in translucent packages indoors to avoid this issue