GENERAL PETROLEUM

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Product Data Sheet (PDS)

GLYCOGEN COOLANT 33%

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Glycogen Anti Freeze/Coolant is a high quality mono ethylene glycol anti freeze radiator coolant that insures efficient operation of water cool internal combustion engines. It serves a protector against rust and corrosion of cooling systems as well as protects the engine from overheating and frost damage. The fluid will lower the freezing point of cooling water and will prevent water from boiling in hot weather.

APPLICATIONS:

Glycogen Anti Freeze/Coolant is recommended for passenger cars and light duty commercial vehicle cooling system. Mixing with other different brands can lead loss of protection.
The level of ethylene glycol concentration can be varied by diluting with water depending upon the ambient temperatures. Mix the coolant to required volume of water and put it into the system. Flush with water if split on painted surface, skin and clothes.

PERFORMANCE STANDARDS:

Glycogen Anti Freeze/Coolant meets and exceeds the following performance level:

- BS 6580
- ASTM D-3306
- Complies with most engine manufacturer's requirements for fulfill coolants.

BENEFITS:

- In a petrol or diesel engine, about 30 to 40 % of the fuel energy is not transferred into notion power but into heat. Additionally, a lot of calories are generated by friction between the moving parts. The engine cooling system has to evacuate all these wasted calories.
- The cooling liquid absorbs the heat from the engine parts and gives it back to the atmosphere through the radiator.
- Even a very short period of working without cooling liquid is sufficient for a piston seizure or for cracks of the cylinder head, due to insufficient heat transfer.
- The electrochemical action of the organic inhibitors, never consumed during the drain period, extends material life and guarantees a maximum cooling of the engine.

TECHNICAL DATA

Sr. No	Characteristics	Test Method	Results
01	MEG Concentration level, %Wt	--	33
02	Color	VISUAL	Green
03	Density @ 15°C, kg/cu.m	ASTM D-1122	1.046
04	Boiling Point, °C	ASTM D-1120	132
05	PH value	ASTM D-1287	8.5
06	Reserve Alkalinity	ASTM D-1121	5.6

The level of ethylene glycol concentration can be varied by diluting with water depending upon the ambient temperatures.

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.