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- **Ready to use Anti Freeze Engine / Radiator Coolant**

Our Premier/Vikas Ready to use Anti Freeze Engine/ Radiator Coolant.- can be used in all models and makes of vehicles LMV, SUV & HMV for heat transfer it helps the engine to give optimum performance. It is a **Factory Prepared 'Ready-To-Use'** products are manufactured using fully treated De-Ionised / De-Mineralised water with special additives at the correct concentration as prescribed by the equipment manufacturer.

The use of RTU products therefore ensures the quality as well as concentration or potency of chemicals throughout the service life.

While top-up is done during usage RTU products ensures the concentration level in the mixture unlike topping-up with only concentrate coolant or only water.

Finally the use of RTU products makes the job extremely convenient and trouble-free.

Mixing Ratio : It is use as it is 100% without any further dilution as discussed above.

Change interval : 3 year or 400000 km.

Packing : 500 ml, 1Ltr,5 Ltr, 25 Ltr, 50 Ltr & 210 Ltrs. in HDPE Bottles/ Drum.

Specification Followed :

- **JISK 2234-94 Class 2 Type 2 (Japanese specification)** which is followed by most of the major O.E.M.s
- **IS:5759 2006 Indian Standards**
- **ASDM Standards ASRTU 253:73:FEB:2009 (American Standards)**
- **JSS:6850-30:20 (Rev-1) Defence Materials and Stores Research and Development**

Establishment (DMSRDE) government of India

- We also manufacturer engine coolant as per buyers specification and requirement.

Following are major features for all the above types of Anti Freeze Coolants :

- **Chemical stable & Low Viscosity.**
- **Provides Longer Life to the metal parts & less changes.**
- **Highly effective in heat transfer.**
- **Low Freezing point & High Boiling point.**
- **Keep the engine cool & prevent the overheating.**
- **Improve the air conditioner output.**
- **Less Scale formation & degrading.**
- **Enhance fuel performance.**



- **Carboxilate Acid based Long Life Coolant .**

Our **Premier/Vikas Extra Long Life Coolants** is based on minimally depleting Carboxilate Acid Technology. This technology provides superior protection to all components of the cooling system including those exotic materials like aluminum and magnesium found in the modern day engine. Unlike Traditional Coolants the need for regular topping up is not required as the components in the additive package are not chemically consumed as they perform their function of inhibiting corrosion. The inhibitors form a thin molecular coating over the metal parts and remain in the cooling system till the water or coolant is not leaked or flushed out. Thus it provides lot of cost

saving as every time top up is done with water alone. In general this coolant has non-toxic properties making it readily biodegradable, addressing any environmental and occupational health & safety issues.

Application :

This coolant can be used in all models and makes of vehicles LMV, SUV & HMV and all heavy duty off road equipments and all heavy duty water cooled Generators. This cannot be used at hilly areas where temperatures could fall below 2 degree celcius (as it is not Anti Freeze and cooling system could get choked with icing of water in the system.)

Mixing Ratio : 15% Coolant with 85% water.

Change interval : 3 year or 500000 km for on road vehicles and 10000 Hr for off road equipments and generators.

Packing : 500 ml, 1Ltr, 5 Ltr, 25 Ltr, 50 Ltr & 210 Ltrs. in HDPE Bottles/ Drum.

Specification Followed :

- Modern Carboxilate technology.
- Research Design and Standards Organisation (RDSO) Indian Railways government of India. **ALCO Diesel Locomotives as per** Spec. No. MP – 2.99.00.03 (Rev – 00).
- As per buyers specification and requirement.

Following are major features for the above Carboxilate Acid based Long Life Coolant :

- Corrosion Inhibitors based on fully neutralized organic acids and azoles
- Typically amber, orange or red in color
- Designed for use in automotive, light duty and heavy duty diesel applications
- Silicate free, avoids silicate gelation and related fallout issues
- Amine, borate, nitrite and silicate free meeting the basic chemistry requirements of Asian OEM's
- Phosphate free, meeting some basic chemistry requirements of European and some North American OEM's
- Excellent high temperature aluminum protection
- Can provide wet sleeve liner cavitation protection without the use of nitrite
- **Extended life in both light and heavy duty applications**