

RECO-COOL

TECHNICAL BULLETIN 0003/12

CHANGING TO RECO-COOL QUALITY COOLANTS

RECOMMENDED COOLANT CHANGEOVER PROCEDURES

Operators of multiple fleet units must consider a number of factors which require addressing when changing coolant products for their operation.

Recochem's coolants are designed to meet and exceed the performance requirements of fleet vehicle operations, even under the most arduous of conditions. However, the performance of our coolants can be significantly compromised by coolant changeover processes which are not properly considered.

- a) Contaminants in the prior charge of coolants will deteriorate the extended life of the new coolant charge
- b) Residues of the prior coolant may chemically interact with the corrosion inhibitor chemistry of the Reco-Cool quality coolants and therefore compromise the performance promise
- c) System problems caused by inferior quality coolant in use previously should not be inferred upon the new coolant charge performance.

The best and most secure way to ensure the integrity of the performance of the new RECO-COOL coolant charge is our *Coolant Experts* DRAIN/FLUSH/FILL process. By using our DRAIN/FLUSH/FILL recommended process, you will be guaranteed the performance promise of Recochem coolants in your fleet.

DRAIN

Drain prior coolant product into an appropriate container, and dispose the used coolant in accordance with local waste disposal authorities. Used coolants contain byproducts of corrosion, which can contain heavy metals. Recochem does not recommend the disposal of any coolants into untreated waterways.



FLUSH

Flush the system with clean water to remove any cooling system corrosion byproducts, as well as all residue of the prior coolant charge. Refill the coolant system with clean water and operate until engine is at operating temperature and thermostats are open. Drain this water charge again into an appropriate container, flush system again with clean water. Repeat these two steps until system is clean and discharge is clear. It is most important to remove all the used coolant, any residual chemicals, and any SCA-containing filters before filling system with RECO-COOL Coolant. (If your system has been using coolant filters, or SCA charges, it is important to remove/replace them. Most Reco-Cool coolant products do not require the use of SCAs – consult your Reco-Cool Coolant Expert, or our TDS sheets for our specific products – on the recommended use of SCAs with our coolant products prior to reinstalling coolant system filter units).

FILL

Fill system with RECO-COOL Coolant, and check all system hoses and hose clamps for integrity. Only top up system with RECO-COOL Coolant.

At times, OEM-approved cleaners are used to remove system contaminants such as silicate gels, rust, scale, oil and grease. When using chemical cleaners, always follow manufacturers instructions. Ensure system is flushed after the use of this type of product, as traces of cleaners or flushing agents may be detrimental to the performance of the engine coolant. Always follow Original Equipment Manufacturer's changeover procedures, and note that often OEM coolant changeover procedures may change without notice. Always refer to the relevant OEM service bulletin.

