

C13 Ring Cleaning and Rating Procedure

1. After test EOT, check the rings for sticking.
2. Remove rings from the pistons. Do not wash prior to removing the rings.
3. Solvent wash and dry the rings. If the rings are not going to be rated right away, place the rings in a desiccator until such time when rating the rings can be accomplished.
4. Use a 20 segment template to help assess area percent breakdown as per CRC Manual 20 page 79 Section III – Preparation for rating.
5. Using CRC Manual 20's recommendation concerning levels of carbon to be rated on page 84 Section E (Rings, top, bottom & back) which is using two levels of carbon for top side and also using the definitions on page 77 for Light Carbon and Heavy Carbon (Lands) of the same manual previously mentioned.
6. Use a normal piston rating environment.
7. Rating reported to the whole number based on ASTM rounding rules.

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