



Cleansource International Ltd.

Large Ring Gear and Pinion Cleaning to ASTM E2905

Cleansolv High Flash EP Low VOC



CLEANSOLV High Flash EP Low VOC formulation is designed to remove contamination and lubricant buildup on mill ring gears prior to inspection. This is accomplished by cleaning the ring gear while in production minimizing downtime. The actual time of cleaning a ring gear is under an hour. There is no need to wipe the gear teeth down after by hand to remove residue as in Magnetic Particle or Dye Penetrant inspections. The ability to fully visualize the gear teeth is critical for a true gear inspection or audit.

Procedures that used to take days can now be completed in less than an hour. Using this procedure, gears are safe from damage due to the specifically formulated **CLEANSOLV High Flash EP Low VOC**. As a result, gears are fully cleaned and ready for inspection faster than ever before (Fig 1).

- **Ease of scheduling**, fast & economical to use, this procedure can be completed during scheduled Prevention Maintenance downtime. A 10m SAG Mill Gear Set can be cleaned in less than an hour.
- **Safe and user friendly**, this non-corrosive product is safe on all metals and is designed to rapidly clean gear surfaces. **High Flashpoint of 160° F (71° C)**.
- No hazardous solvents such as Stoddard or chlorinated solvents.
- No large special pressure sprayers or pumps to deal with
- No rinsing after cleaning with additional chemicals
- No obnoxious fumes, therefore addresses indoor air quality issues.
- Follows **ASTM E2905** Standard for Ring Gear cleaning.
- Exceeds **ASTM D5183** for Coefficient of Friction.
- Over 20 years' experience in large ring gear cleaning.
- Full training programs available.
- Made in the Canada.
- Attractive Pricing.



Figure 1: Clean Gear Set

Cleaning Gear Teeth:

- Gear Engineers worldwide use visual interpretation as the method used to analyze the gear tooth condition, such as contact patterns and wear patterns. With this, cleaned gear teeth is necessary.
- Cleansource can train personnel on proper cleaning procedures if required.

Gear Cleaning, throughout North America & South America

www.cleansource.ca

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