EDM Ram Cleaner™

WHAT IT DOES:
Commonwealth Oil's EDM Ram Cleaner™ is a concentrated liquid EDM sump cleaner that is designed to remove grease, grit and grime from most surfaces of EDM Machines.

EDM Ram Cleaner™ is an aggressive cleaner.

WHERE TO USE IT:
EDM Ram Cleaner™ is designed for following applications:

- EDM Machine Cleaning

HOW TO USE IT:
Depending on the waste to be removed, EDM Ram Cleaner™ is used neat or diluted with Stoddards solvents and applied by spray or brush. Normally, EDM Ram Cleaner™ is added to the old EDM fluid in dirty machines, about to have their fluid changed. **Do not machine any parts while the cleaner is in the system.** Add EDM Ram Cleaner™ to the existing di-electric fluid at approximately 20% (by volume). Circulate the cleaner with the old di-electric fluid. Manual agitation or scrubbing might be required on heavily soiled areas. After the heavily soiled areas have been cleaned this fluid should be disposed in compliance with Government requirements and local regulations.

*Always Wear Protective Gloves When Scrubbing to Prevent Defatted Skin.*

PERFORMANCE BENEFITS:
EDM Ram Cleaner™ is especially formulated to deliver the following performance benefits:

- Longer fluid life from properly cleaning out EDM systems.
- Proven field performance.
- Easily removes sludge and debris.
- Cleaner and clearer – when you open a drum, you can easily see to the bottom.
- No potential interference from dyes.
EDM Ram Cleaner™

**TECHNICALLY SPEAKING:**

<table>
<thead>
<tr>
<th>Test</th>
<th>EDM Ram Cleaner™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Mineral Oil Odour</td>
</tr>
<tr>
<td>Boiling Point °C</td>
<td>&gt; 157</td>
</tr>
<tr>
<td>Boiling Point °F</td>
<td>&gt; 314</td>
</tr>
<tr>
<td>Flash Point, COC °C</td>
<td>&gt; 42</td>
</tr>
<tr>
<td>Flash Point, COC °F</td>
<td>&gt; 108</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Emulsifiable</td>
</tr>
<tr>
<td>Chlorinated Solvents</td>
<td>None</td>
</tr>
<tr>
<td>Density, lbs./US Gallon</td>
<td>6.565</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.80</td>
</tr>
</tbody>
</table>

These are typical figures and do not constitute a specification.

**Note:** Never skip the flushing procedure using Commonwealth EDM Flushing Fluid™ after having used EDM Ram Cleaner™.

**Handling & Safety Information**
1. Indoor storage in cool ventilated area.
2. Keep away from incompatible materials.
3. Do not store near open flames or sources of ignition.

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.

Available in Pails, Drums and One-Way Bulk Containers

2080 FERRISS ROAD NORTH, HARROW, ONTARIO, CANADA NOR 1G0
519-738-3503 • 800-265-3689 • FAX- 519-738-3335 inquiries@commonwealthoil.com • www.commonwealthoil.com