



# **RDO 302 ES**

## **ENVIRONMENTALLY SAFE ROCK DRILL OIL**

Replaces present Rock Drill Oils for use in pneumatic and percussive drilling. Eg; downhole hammers, pneumatic mining drills, (Jumbo's and Stopers), air tracks, and hydraulic percussive drills.

### **Water Wells:**

**RDO 302 ES** provides a more effective way of lubricating D.T.H.'s and avoids contaminating the waterwell or the groundwater. Drillers should have no trouble accepting our products, particularly with consumers' heightened awareness of environmental issues.

### **Monitor Wells:**

The use of conventional Rock Drill Oil is not allowed in this application because of the introduction of hydrocarbons into the groundwater where sampling is to take place. Such substitutes as household vegetable oil do not offer lubricating characteristics. **RDO 302 ES** is not only free of any petroleum hydrocarbons and priority pollutants, but it is also an effective lubricant. **RDO 302 ES** has been approved on a number of occasions for this purpose by both engineering companies and government agencies. This is on a project by project approval, based on the data presented. Not using lubricants while drilling Monitor Wells could not only shorten the life of the hammer but could also introduce metallic contamination (eg. lead) to the groundwater as the hammer and bit wear down.

### **Oil and Gas Wells:**

A common practice in different areas of the world is drilling with a D.T.H.. The deeper the drilling the less the conventional oil gets to the hammer. Our experience in this area has been with drilling 10,000 - 12,000' holes using 18" hammers and 22" bits. **RDO 302 ES** has proven to be much more effective than the conventional oil in saving hammers and pistons. Better performance combined with the fact that the amount of mineral oil allowed in the sump is being restricted, makes **RDO 302 ES** a natural.

### **Mining and Exploration:**

**RDO 302 ES** offers an environmentally safe alternative to conventional oils and reduces maintenance of hammers and down hole tooling. Mine and exploration operations are coming under more focused environmental scrutiny.

### **Construction:**

Air-Tracks are commonly used for road construction and quarry work. **RDO 302 ES** not only gives the normal benefits, but improves the performance of the lubricated air-controls.

**MANUFACTURED BY: CONTROL CHEMICAL (1989) CORP.**

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