

2010

**ROYSON ENGINEERING COMPANY
100 N. PENN ST.
HATBORO, PA. 19040
PHONE# 215-675-2800**

**TECHNICAL REPORT
ROYSON 53-F**

Liquid Cleaning and Deburring Compound

DESCRIPTION

Royson #53-F is a high performance combination of water soluble lubricants, detergents, and corrosion inhibitors formulated to produce superior results on cast iron, steel, other ferrous alloys, and aluminum. It has a low foaming, penetrating and emulsifying action that quickly loosens and removes oily soils and metallic smut, while special dispersants prevent contaminants from loading or glazing media and building up on equipment surfaces.

Solutions of #53-F provide high lubricity for efficient deburring and optimum luster and color development in all vibratory equipment. Royson #53-F is formulated without sodium nitrate, phosphates, phenols, silicones, mineral oil, heavy metal ions, or other objectionable materials in order to simplify waste treatment and minimize environmental effects. Solutions of 53-F work well in all types of vibratory, washing and cleaning equipment.

OPERATIONAL DATA

Concentration, ounces per gallon	-	1.28 to 12.8
Concentration, percent by volume	-	1-10 to 1.00
Water Temperature	-	Ambient to 180 F.

Your Royson Company representative may suggest a concentration outside of this range to meet your specific requirements.

TYPICAL PROPERTIES

Appearance	-	Transparent Amber Liquid
Specific Gravity	-	1.17
pH, 0.5% Solution	-	9.1 to 9.3