

## Cutting Fluid



### 1. Scope

This standard covers the requirements for cutting fluid.

This standard applies to Seattle City Light (SCL) Stock No. 726580.

### 2. Application

Cutting fluid is used on threading tools for lubrication and to prevent galling and seizing. This lowers threading torque, improves thread quality, and increases die life.

Cutting fluid is designed for cutting and machining steel, aluminum, and other types of metals.

### 3. Requirements

Cutting fluid shall have the following attributes:

- Biodegradable
- Non-toxic and non-hazardous
- Low odor
- Safe on all metals
- PCB and chlorine free
- Flash point 176 degrees C

### 4. Packaging

Cutting fluid shall be packaged in 1-gallon bottles.

Cutting fluid bottles shall be packaged to prevent damage during shipping, handling, and storage.

Standard Coordinator  
Muneer Shetab

Standards Engineering Supervisor  
John Shipek

Division Director  
Andrew Strong

*Muneer Shetab* *John Shipek*

*Andrew Strong*

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity

Each shipping container shall be legibly marked with the following information:

- SCL purchase order number
- 

## 5. Issuance

Stock Unit: GL

---

## 6. Approved Manufacturers

<u>Manufacturer</u>	<u>Product Name</u>	<u>Part No.</u>
ITW Pro Brands	Tapmatic #1 Gold, case of four one-gallon bottles	44230

---

## 7. Sources

**Shetab, Muneer**; SCL Standards Engineer, originator, and subject matter expert for 7515.55

**Stock Catalog Page, 75-1**; May 11, 2016

**[www.itwprobrands.com](http://www.itwprobrands.com)**