

Stamping Oil RLT-320

Product Introduction

RLT-320 Stamping Oil is a high-performance, rust-preventive stamping lubricant specifically engineered for demanding metal forming and deep drawing processes. This premium metal stamping oil is formulated using high-quality mineral base oils and a carefully balanced blend of advanced additives, delivering excellent stamping lubricity and strong oil film strength. As a reliable stamping oil for ferrous metals, it effectively prevents scratching, galling, and splitting of workpieces, while significantly extending mold and tool life. The product also provides outstanding inter-process rust protection, making it an ideal rust-preventive stamping oil for manufacturing environments where parts require temporary corrosion resistance between operations. Its easy cleanability ensures no residue remains, allowing seamless transitions to subsequent processes such as painting or plating. Furthermore, RLT-320 Stamping Oil is highly effective as a stamping oil for aluminum alloys and other non-ferrous metals, offering versatile performance across a wide range of materials. Whether used in progressive stamping, deep drawing, or general metal forming, this stamping lubricant delivers consistent, high-quality results.

Physical and Chemical Properties

Testing Item	Test Method	Technical Indicator
Appearance	Visual	Yellow transparent liquid
Flash Point, °C	GB/T261	>190
Kinematic Viscosity @40°C, cSt	GB/T265	30-40
Sintering Load PD, N	GB3142	>3920

Product Features

1. Excellent Stamping Lubricity

RLT-320 Stamping Oil provides excellent lubricity to prevent scratching, galling, and bursting of workpieces during metal stamping and deep drawing.

2. Appropriate Oil Film Strength

The balanced oil film strength ensures long mold life and reduces tool wear, helping maintain consistent production quality.

3. Good Inter-Process Rust Protection

This stamping lubricant offers good inter-process rust protection for ferrous metal parts, acting as a rust-preventive oil between manufacturing steps.

4. Good Cleanability

With easy cleanability, RLT-320 Stamping Oil leaves no residue and does not affect coating, painting, or plating quality in subsequent processes.

Application Method

Spraying, dipping, or brushing can be used to form a uniform oil film on the parts being processed.

Packaging Specifications

- 18L/drum ● 200L/drum (or customized according to customer requirements).