

# STA-PUT® 68 & 220

## Tenacious Fluid Lubricants

### DESCRIPTION

STA-PUT SERIES are specialty lubricants blended from highly refined mineral oils containing oiliness, tackiness and extreme pressure additives.

STA-PUT SERIES are designed for use as slideway lubricants on machine tools to eliminate or minimise "stick-slip" problems enabling finer adjustment of cutting tool feeds and improved surface finish of the work pieces. STA-PUT SERIES is ideal too to lubricate air-tools such as rock drills, chippers, reamers, hammers, pavement breakers etc

### FEATURES

Superior Lubrication - Air Operated Tools

Slide-way Lubricant - Machine Tools

EP Agents Added - Minimises "Stick-Slip"

Tacky Additive for Cohesion and Adhesion

High Oiliness Factor

High Film Strength Greater Shock Loads

### TYPICAL VALUES

Viscosity cSt @ 40°C (ASTM D445)	68	220
@ 100°C (ASTM D445)	8.8	18.4
Pour Point °C	Pour Point °C	-21 -12
Density @ 15°C kg/L (ASTM D1298)	Density	
@ 15°C kg/L (ASTM D1298)	0.880	0.90
Flash Point °C	>200	>200

### HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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## REFERENCES

The Staput series is widely used across many fields. Most commonly used in machine tool slide ways applications.

## HOW TO USE

STA-PUT SERIES may be applied in numerous ways:

Rock Drill Lubricators

Hand Oiling force feed system	-	Combination splash and
Sight Feed Oilers lubricators	-	Ratchet type mechanical
Splash Systems	-	Ring-oiled bearings
Bath Systems	-	Wick feed oilers
Mechanical Force Feed Oilers	-	Felt oiling pads
Splash Pans long tubes	-	Multiple wick boxes with
Swabs	-	To convey oil to bearings

STAPUT 220 should not be used for ring-oiled electric motors, generators etc.

## SHELFLIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **PRODUCT** is a minimum of Twelve (12) months, unless otherwise specified.

**PRODUCT** is available in 205 litre drums. Other sizes may be available upon request, please contact your Houghton sales representative.

## RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- ADRANA: Micro-emulsion metalworking fluids
- METALINA: Synthetic metalworking fluids
- HOUGHTO-GRIND: Straight and water miscible grinding fluids
- HOUGHTO-DRAW: Straight and water miscible drawing stamping and forming fluids.
- CINDOL: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

## FLUID MAINTENANCE

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

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