



CITGO AUTOKUT® EXTRUSION OIL

Date 04/18

DESCRIPTION: CITGO Autokut Extrusion Oil is a heavy duty fluid designed for a variety of metal forming and other metalworking operations.

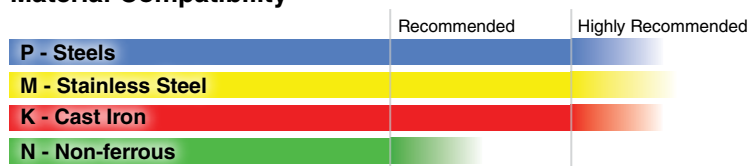
- FEATURES:**
- Contains advanced lubrication and anti-weld components
 - Compatible with all metals
 - Residues are easily cleaned
 - High viscosity
 - Free of chlorinated components



- BENEFITS:**
- Benefits environmental needs and reduces disposal costs
 - Improved productivity and lower costs of operation, improving surface finish and extending tool life
 - Non staining on ferrous and non-ferrous metals
 - Conventional cleaners can be used to remove unwanted residues
 - Oil remains in the areas intended during the operation process

APPLICATIONS: CITGO AutoKut Extrusion Oil is formulated for a variety of drawing, stamping, forming and extrusion applications over a wide range of machining applications and metallurgies.

Material Compatibility



TYPICAL PROPERTIES - CITGO AUTOKUT® EXTRUSION OIL

Material Code	639451001
Gravity, ASTM D4052, °API	23.9
Gravity, Specific, ASTM D1298, 60/60 °F	0.910
Density, lb/gal	7.6
Flash Point, COC, ASTM D92, °F (°C)	432 (222)
Viscosity, ASTM D445, cSt at 40°C	117.7
cSt at 100°C	15.3
ASTM D2161, SUS at 100°F	546
SUS at 210°F	79
Color, ASTM D1500	7.0
Pour Point, ASTM D97, °F (°C)	15.8 (-9)
Copper Corrosion, ASTM D130, 3 hrs at 212°F	1 A/B
Active Sulfur	No
Phosphorus	No
Lubricity Additive	Yes

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