



ALTO 315

Synthetic extreme duty paste

PRODUCT INFORMATION

BBLubricants ALTO series is an extreme duty synthetic lubricant formulated to lubricate draw bending operations on tube and pipe. It forms a high strength boundary film and provides extreme pressure lubrication between the mandrel and tube. ALTO 315 will not slump or run off the mandrel even under high temperatures. ALTO 315 was developed for bending and end-forming operations on steel, stainless steel, aluminized, titanium, inconel, and aluminum tubing. ALTO 315 can be cleaned in an immersion cleaner or in a pressure wash system. ALTO 315 should be used as a concentrate for difficult bending operations. For lighter duty bending, it may be diluted up to 1:1 with water. It can be applied through automatic mandrel rod lubrication systems capable of pumping higher viscosity fluids or greases.

APPLICATION

Forming and bending sheet metals and tubes

APPLICATION

Iron, Steel, Aluminum, Aluminized
Zinc, Stainless Steel, Titanium, Inconel

TECHNICAL DATA

Appearance	Green paste
pH	8.15
Density	930 - 1020 kg/m ³
Specific Gravity	0,93 - 1,02
Viscosity	250 000 cSt (at 25°C)
Boiling Point	± 100 °C
Flash Point	N/A
Residuum	Soft film
Methods	Ideal temperature 15 - 35 °C (59 - 95 °F).
Tooling Clean-up	Effortless water based cleaning or mild alkaline cleaner 109°F (43.3°C)
Guarantee	If there is a problem, ask your representative for consultation, if necessary refund or replacment of the defective product. Best if used within six months.

ADVANTAGES

- Oil-free
- Absent of chlorine, sulphur formaldehyde and pharafine additives
- Creater protection layer
- Increases effectivity
- Prolongs durability
- Applicable at high pressures and temperatures
- Non-toxic and biodegradable
- Washable with warm water
- Prevents corrosion and microbial growth

STORAGE

Product should be stored under cover in clean, dry conditions and protected from frost.

Indoors. Recommended storage temperature is between 5°C (41°F) and 35°C (95°F). A shelf life of twnety four months can be anticipated.

MEASURE

The product is not specified as hazardous waste or pollutant of the environment/water. It is biodegradable. Follow local governmental rules and regulations for waste treatment. The product is not miscible with acids, alkalis or solvents. Devices can be painted with epoxy paint or other coatings injurious surfaces.



We believe all the information contained in this document to be reliable, though accuracy or completeness is not guaranteed. BBLubricants s.r.o. is not responsible for injury, loss or damage, direct or consequential, arising from the use of or inability to use its product, suitability and intended use should be verified. User assumes all risk and liabilities associated with.

BBLubricants s.r.o.

Karla IV. 237 | 68801 - Uherský Brod | Czech republic
Tel +420 572 639 636
Fax +420 725 812 101
Email info@bblubricants.cz

