

SUNIT 006, SUNIT LO F

For magnetic steel sheets and thin sheets



Benefits for your application

- No cleaning of the punched parts necessary
- Welding of the parts without prior degreasing
- Long tool life due to minimized formation of burrs
- Extended regrinding intervals of the tools
- No sticking of the sheets

Description

SUNIT 006 und SUNIT LO/F are punching fluids which do not have to be removed prior to subsequent machining as they evaporate at room temperature.

Application

SUNIT 006 and SUNIT LO/F can be used for punching sheets made of steel, aluminum and copper alloys. Some typical applications are:

- punching of magnetic steel sheets
- punching of generator and transformer sheets, and of sheets for electric components
- punching of profiled sheets
- auxiliary for embossing and bending
- punching and forming of automobile radiator components
- auxiliary for the manufacture of steel sheet drums

- auxiliary for the rolling forming of e.g. house facades made of aluminum and steel sheet

Application notes

SUNIT 006 and SUNIT LO/F can be applied by immersion, spraying or rolling. The layer should be as thin as possible; this can be controlled by stripping the product prior to entering the tool.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	SUNIT 006	SUNIT LO/F
Drum 200 l	-	+

Product data	SUNIT 006	SUNIT LO/F
Article number	046064	046065
Chemical composition, solvent	paraffinic hydrocarbon	paraffinic hydrocarbon
Chemical composition, type of oil	ester oil	
Colour space	yellow	colourless
Density, DIN 51757, 20 °C	approx. 0.78 g/cm ³	approx. 0.77 g/cm ³
Refraction index, DIN 51423 pt. 02, at 20 °C	approx. 1.43	approx. 1.43
Refraction index, DIN 51423 pt. 02, at 20 °C	approx. 1.43	approx. 1.43
Flash point, DIN EN ISO 2719, Pensky-Martens, above 40°C	approx. 62 °C	approx. 62 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months



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Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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