

## Klüber Madol 5710

Gear lubricant for Sulzer weaving machines

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### Benefits for your application

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- Reduces temperature of gear box
  - Long change-out intervals
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### Description

Klüber Madol 5710 is a gear lubricant specifically designed for the lower picking unit and other areas in the Sulzer-Rüti manual for PU and PS series weaving machines and meets or exceeds all specifications as outlined by Sulzer-Rüti.

### Application

Use as recommended by the machine manufacturer for proper lubrication of the machine.

### Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry place.

### Pack sizes

5 gallon pail  
55 gallon drum  
275 gallon tote

### Material safety data sheets

Material safety data sheets can be downloaded or requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber.



## Klüber Madol 5710

### Gear lubricant for Sulzer weaving machines

Product data	Klüber Madol 5710
Color, appearance	Amber, clear liquid
Viscosity, cST (40°C)	159
Viscosity, cST (100°C)	15.95
Viscosity, SUS (100°F)	753
Viscosity, SUS (210°F)	82
Viscosity Index	103
Refractive Index (25°C)	1.4788
Specific Gravity (72°/72°F)	0.8801
Color, ASTM	3.5
Extreme Pressure Properties, lb (Falex)	1200
Copper Strip Corrosion, 3 hrs. (212°F)	1a
Flash Point, COC (°F)	480
SAE Number	40
Density, lb/gal	7.33
Demulsibility ASTM D-2711	18-mL free water Trace % of free water 35% water in oil 0.025-mL emulsion
Timken OK load ASTM D-2782 @ 45-lb. load @ 55-lb. load @ 60-lb. load	Pass; 1.00 mm scar Pass; 1.16 mm scar Fail; seized before obtaining load

#### Lubrication is our world

**Klüber Lubrication offers more than 2000 different products to choose from, and the right lubricant for your application is certainly among them. You can contact Klüber Lubrication specialists worldwide to assist you in all matters regarding lubrication.**

[www.kluber.com](http://www.kluber.com)

Klüber Lubrication North America L.P. – 32 Industrial Drive – Londonderry, NH 03053, USA, – Phone 800.447.2238 – Fax 603.647.4105.

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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Product data	Klüber Madol 5710
Thermal Stability Test ASTM D-2070 Copper rod weight change Visual Steel rod weight change Visual Total sludge	-257.0 mg Dull; # 5, etched + 0.3 mg Shiny; # 8 167.9 mg / 100 ml
ASTM D-445 Kinematic Viscosity @ 40°C Original Final Percent Change	153.4 cSt 155.9 cSt + 1.63%
ASTM D-974 Neutralization Number Original Final Change	1.98 mg KOH/g 1.68 mg KOH/g -0.30 mg KOH/g
Rust Prevention ASTM D-665-B	Pass
Foam Characteristics ASTM D-892	I: 0/0, II: 0/0, III: 0/0
4-Ball Wear ASTM D-4172	0.40 mm

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