

TECHNICAL DATA SHEET

Adhesive lubricant HHS 2000® PLUS

Art. no. 0893 106 203

P. Qty.: 1 / 12

High-pressure-resistant lubricating oil with excellent adhesive properties



Chemical basis	Synthetic oil
Oil basis	Synthetic
Colour	Whitish
Smell/fragrance	Characteristic
Density	0.855 g/ml
Density conditions	at 20 °C
Min. temperature conditions	-40 °C
Max. temperature conditions	180 °C
Max. temperature resistance	1000 °C
Min. flashing point of active ingredient	200 °C
Min. flashing point	200 °C
Kinematic oil basis viscosity	612 cSt
Silicone-free	Yes
Acid-free	Yes
Resin-free	Yes
Resistance against	Salt water, Weak lyes, Weak acids, Splash
Contents	400 ml
Weight of content	377 g
Shelf life from production	24 Month
Sustainability	Low-emission/low-pollution



Application area

For professional use in high pressure applications, under high ejection forces or overhead such as on Bowden cables, bolts, joints, hinges, sliding rails, sprockets, toothed racks or open gears.

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Proof of Performance



Notice

Lubricant is not harmful to health, making it ideally suited for the food processing industry.

The usage instructions are recommendations based on the tests we have conducted and on our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. If our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee the consistent quality of our products. We reserve the right to make technical changes and further develop products.



June 01, 2021

Adolf Würth GmbH & Co. KG
Reinhold-Würth-Straße 12-17
74653 Künzelsau
Germany

RE: 0893106203_HHS 2000 PLUS
Category Code:H1
NSF Registration No.164468

NSF has processed the application for Registration of **0893106203_HHS 2000 PLUS** to the *NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2021)*, which are available upon request by contacting NonFood@nsf.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

NSF Registration of this product is current when the NSF Registration Mark and Category Code appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (www.nsfwhitebook.org).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at www.nsfwhitebook.org. Please note the letter date reflects most recent product review. NSF utilizes annual verification to ensure no changes have been made to a registered product. Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing. Please contact your NSF Account Manager or nonfood@nsf.org if you have any questions or concerns pertaining to this letter.

Sincerely,

Orsolya Dezsi
NSF NonFood Compound Registration Program
Company No: N11503

Product declaration

Gen. information:

Supplier:

Adolf Würth GmbH & Co. KG
Reinhold-Würth-Straße 12-17
74653 Künzelsau

Article information:

Article description:

HHS 2000 Plus

Würth art. No.:

0893 106 203

RoHS (Restriction of Hazardous Substances)/ WEEE (Waste of Electrical and Electronic Equipment)

EU Directive 2011/65/EU, the German Electrical and Electronic Equipment Act (ElektroG), the German Electrical and Electronic Equipment Substances Ordinance (ElektroStoffV) and all previous versions apply.

Yes No

contains heavy metals

Yes No

contains lead (Pb) >0.1%

contains mercury (Hg) >0.1%

contains cadmium (Cd) >0.1%

contains chromium VI (Cr(VI)) >0.1%

contains polybrominated biphenyls (PBB) >0.1%

contains polybrominated diphenyl ethers (PBDE) >0.1%

contains phthalates >0.1%

Yes No

contains di(2-ethylhexyl)phthalates (DEHP) >0.1%

contains benzyl butyl phthalate (BBP) >0.1%

contains dibutyl phthalate (DBP) >0.1%

contains diisobutyl phthalate (DIBP) >0.1%

contains diisodecyl phthalate (DIDP) >0.1%

contains diisononyl phthalate (DINP) >0.1%

REACH SVHC (Substances of Very High Concern)

The candidate list of Substances of Very High Concern as defined by the REACH Regulation (Registration, Evaluation, Authorization and Restriction of Chemicals) and its previous versions apply.

Yes No

contains substances of the REACH candidate list (if yes, specify in Other confirmations)

contains substances of the REACH authorization list (if yes, specify in Other confirmations)

ODS (ozone depleting substances)

The Montreal Protocol on Substances that Deplete the Ozone Layer and its amendments apply.

Yes No

contains CFCs

contains halons

Yes No

contains other fully halogenated CFCs

contains carbon tetrachloride

contains 1, 1, 1-trichloroethane (methyl chloroform)

contains hydrochlorofluorocarbons

contains hydrobromofluorocarbons

contains methyl bromide

contains bromochloromethane

PIWS (paint-wetting impairment substances)

Note: This confirmation only applies if the product is used properly. It was only inquired whether no paint-wetting impairment substances were used during manufacturing of the product. The presence of analytically detectable traces of the above mentioned substances, which have possibly been introduced into the product via the raw materials, auxiliaries and additives, cannot be excluded. We recommend a preliminary test before use.

Yes No

contains PIWS (paint-wetting impairment substances)

Yes No

contains silicone

VOCs (volatile organic compounds)

EU Directives 2004/42/EC and 2010/75/EU apply.

Yes No

contains solvents. If yes, which ones: HC

contains other VOCs. If yes, which ones: P/B

MOSH/MOAH (amended by POSH/PAO)

(MOSH: mineral oil saturated hydrocarbons; MOAH: mineral oil aromatic hydrocarbons; POSH: polyolefin oligomeric saturated hydrocarbons; PAO: poly alpha olefin)

The FDA (Food and Drug Administration) Rule 21 CFR 178.3570, studies of the European Food Safety Authority (EFSA), studies of the Federal Institute for Risk Assessment (BfR) and all previous versions apply.

Yes No

The product has an NSF H1 approval (if no, move on to the next item, if yes, please continue)

Yes No

contains MOSH (POSH/PAO can also be detected) of the following content: <1%

contains MOAH of the following content: <0,5%

GMO (genetically modified organism)

EU Directive 1830/2003 and its previous versions apply.

Yes No

contains genetically modified organisms

Allergens

Annex II to EU Directive 1169/2011, FALCPA (Food Allergen Labeling and Consumer Protection Act), EC Regulation 1223/2009 on cosmetics and all previous versions apply.

Yes No

contains cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridized strains, and products thereof, except:

- a) wheat-based glucose syrups including dextrose*;
- b) wheat-based maltodextrins*;
- c) glucose syrups based on barley;
- d) cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin

contains crustaceans and products thereof.

contains eggs and products thereof;

contains fish and products thereof, except:

- a) fish gelatine used as carrier for vitamin or carotenoid preparations;
- b) fish gelatine or isinglass used as fining agent in beer and wine.

contains peanuts and products thereof.

contains soybeans and products thereof, except:

- a) fully refined soybean oil and fat*
- b) natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, and natural D-alpha tocopherol succinate from soybean sources;
- c) vegetable oils derived from phytosterols and phytosterol esters from soybean sources;
- d) plant stanol esters produced from vegetable oil sterols from soybean sources.

contains milk and products thereof (including lactose), except:

- a) whey used for making alcoholic distillates including ethyl alcohol of agricultural origin;
- b) lactitol.

contains nuts, namely: almonds (*Amygdalus communis L.*), hazelnuts (*Corylus avellana*), walnuts (*Juglans regia*), cashews (*Anacardium occidentale*), pecan nuts (*Carya illinoensis* (Wangenh.) K. Koch), Brazil nuts (*Bertholletia excelsa*), pistachio nuts (*Pistacia vera*), macadamia or Queensland nuts (*Macadamia ternifolia*), and products thereof, except for nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin.

contains celery and products thereof.

contains mustard and products thereof.

contains sesame seeds and products thereof.

contains sulphur dioxide and sulphites at concentrations of more than 10mg/liter in terms of the total SO₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers.

contains lupins and products thereof.

contains molluscs and products thereof.

* And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by EFSA for the relevant product from which they originated.

contains latex components

Yes No

The product has an approval as a cosmetic (if no, move on to the next item, if yes, please continue)

Yes No

contains substances from Annex II to EC Regulation 1223/2009

contains substances from Annex III to EC Regulation 1223/2009 above the threshold limits

BSE/TSE

The Official Journal of the European Union EMEA/410/01 Rev. 3, March 2011, and its previous versions apply.

Yes No

contains substances of animal origin

Other substances

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains polychlorinated dibenzodioxins and dibenzofurans PCDD/PCDF
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains polycyclic aromatic hydrocarbons (PAHs)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing pentachlorophenol (PCP)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains plasticizers (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing PVC
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing asbestos
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances/resins containing resin acid
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains substances containing or releasing formaldehyde
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains azo dye
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains AOXs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains dimethyl fumarate (DMF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains alkylphenol ethoxylates (APEO)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains acids (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains alkalis (if yes, specify in Other confirmations)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains flame retardants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains bisphenols
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains nanoparticles (size: 1-100nm)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains quaternary ammonium cation (quats)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	contains chlorinated paraffins

Other confirmations / remarks: (e.g. health-relevant DIN standards, IOS-mat, NSF certification, etc. // enclose document if available)

- The product declaration was determined in accordance with the current national and European chemical legislation.
- These statements are based on our formulations and the information provided by our suppliers during the preparation of this document. Unspecified contamination due to technical raw materials cannot be excluded
-

This document has been created electronically and is valid without signature.

הרבנות דק"ק ברלין גרמניה
 Rabbinat der JGzB Deutschland
 Kaschut Komitee ועד הכשרות

Rabbiner Yitshak Ehrenberg
 Rabbiner der Jüdischen Gemeinde zu Berlin

הרב יצחק ארנברג
 הרב ואב"ד דק"ק ברלין

כ"ה סיון תשפ"ד
 01.07.2024

תעודת כשרות

הנני לאשר בזה כי בדקתי את הרכיבים ותהליך היצור והאריזה של המוצרים:
חומרי ניקוי וגריזים לתעשיית המזון כמפורט ברשימת המוצרים המצורפת לתעודה זו
 המיוצרים ע"י חברת **וורט** ב קונצעלזאו, גרמניה ואין הם מכילים, וגם אינם באים במגע עם שום חומרים לא כשרים בעת הייצור והאריזה.
 לפיכך המוצרים הנ"ל **כשרים פרווה** לכל ימות השנה פרט לימי חג הפסח.
 תעודה זו בתוקף עד ליום ד' תמוז תשפ"ה (30.06.2025)

Kosher-Certificate

I hereby certify that I inspected the ingredients, production and packing process of:

See enclosed product sheet

produced by **Würth GmbH & Co KG** in Künzelsau, Germany and I found that they do not contain, nor come in contact with any non-kosher substances in the course of production and packing.
 They are therefore **Kosher Parve for the whole year including the Passover days.**

This certificate is valid until June 30th, 2025.



יצחק ארנברג

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הרבנות דק"ק ברלין גרמניה
Rabbinat der JGzB Deutschland
ועד הכשרות Kaschrut Komitee

Rabbiner Yitshak Ehrenberg
Rabbiner der Jüdischen Gemeinde zu Berlin

הרב יצחק ארנברג
הרב ואב"ד דק"ק ברלין

Product List

0890 107 Power cleaner for assembly	0893 237 102 SMP adhesive sealant
0890 107 05 Power cleaner for assembly	0893 237 130 SMP adhesive sealant, XTREME
0890 109 6 Cleaning fluid multiclean	0893 237 160 SMP adhesive sealant, METALLIC
0890 900 90 Universal cleaning cloth	0893 225 0 adhesive sealant, glass clear
0893 056 Multi plus maintenance oil	0893 270 025 High-strength screw retainer
0893 107 001 Foodstuffs lubricant LMS-Fluid	0893 270 050 High-strength screw retainer
0893 107 002 Multi-purpose grease III	0893 270 250 High-strength screw retainer
0893 107 402 Multi-purpose grease III	0893 243 025 Medium-strength screw retainer
0893 107 502 Multi-purpose grease III	0893 243 050 Medium-strength screw retainer
0893 107 252 Multi-purpose grease III	0893 243 250 Medium-strength screw retainer
0893 107 003 Multi-purpose grease IV	0893 603 025 High-strength bearing lock
0893 107 403 Multi-purpose grease IV	0893 603 050 High-strength bearing lock
0893 107 503 Multi-purpose grease IV	0893 603 250 High-strength bearing lock
0893 107 253 Multi-purpose grease IV	0893 573 050 Surface sealant, green
0893 107 006 LMS Liquid Premium	0893 573 250 Surface sealant, green
0893 107 1 Food safe lubricating oil	0893 574 050 Surface sealant, orange
0893 107 6 Foodstuffs HHS	0893 574 250 Surface sealant, orange
0893 121 0 Stainless steel care oil	0893 577 050 Medium-strength pipe sealant
0893 121 1 Metal restorer	0893 511 050 Low-strength pipe sealant with PTFE
0893 121 2 Stainless steel power cleaner	0893 511 250 Low-strength pipe sealant with PTFE
0893 123 HSP 1400	0893 09 Super-fast glue
0893 130 400 Rust remover Rost Off Special	0893 090 Super-fast glue
0893 550 000 Slide Wax	0893 090 0 Super-fast glue
0893 140 Industry cleaner	0893 090 030 Super-fast glue
0893 140 05 Industry cleaner	0893 093 090 Super-fast glue 2C
0893 221 000 Silicone spray, silicone fluid	0893 093 091 Super-fast glue 2C
0892 550 1-4 Silicone Acetate, food grade	0893 056 000 Multi Plus
0893 351 000 - 022 Natural stone sealant 4 in 1	0893 106 202 HHS 6000 Plus
0893 235 1-3 Bond + Seal Power	0893 106 203 HHS 2000 Plus
0893 237 100 SMP adhesive sealant	0893 106 204 HHS 200 Plus
0893 237 101 SMP adhesive sealant	
0893 556 050 Sealing Compound MULTI medium strength	
Butyl round cord (0894 700 303, 0894 700 308, 0894 700 310)	
Butyl sealing Tape (0894 700 112, 0894 700 119, 0894 700 150)	



2023, אוקטובר



In the name of the most High

HALAL CERTIFICATE

HALAL ZERTIFIKAT — شهادة حلال

Hereby it is declared that the enterprise

Adolf Würth GmbH & Co. KG
74650 Künzelsau, Germany

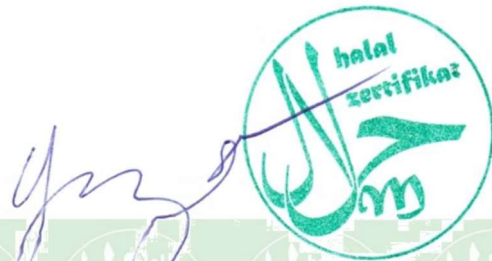


is certified as **halal** (حلال) for following product groups

Würth Lubricants
(see Appendix)

The mentioned products are classified as pure [tahir] and permitted according to ritual Islamic regulations and therefore evaluated as **halal** (حلال) by an audit, documented in a report.

The used raw material, the production and the packaging have been surveyed, examined and approved as **halal** (حلال) by consensus of Islamic scholars. (General Guidelines on Halal Food of OIC/SMIC 1:2019, CAL/GL 24-1997 Codex Alimentarius). The company Adolf Würth GmbH & Co. KG is therefore entitled, to use the Halal Certificate for its products.



Bremen, 27th February 2024
Dr. Yavuz Özoguz

This Certificate is valid
6.4.2025 - 5.4.2026

Certificate-Register-No.
050426oituoey

m-haditec GmbH is cooperations-Partner of Islamisches Bildungs- und Kulturzentrum Österreich (Austria), Enzyklopädie des Islam (eslam.de), Islamic Republic of Iran, Halal Development Council, Halal Research Council, Mufties Council of Russia, Halal Transaction of Omaha



In the name of the most High

HALAL CERTIFICATE

HALAL ZERTIFIKAT — شهادة حلال

Appendix: List of certified products

- 0893 121 0 Stainless Steel Care Oil / Edelstahlpflegeöl
- 0893 123 HSP 1400
- 0893 140 Industry Cleaner (Aerosol)
- 0893 140 05 Industry Cleaner (Bulk)
- 0890 107 Power Cleaner For Assembly / Montagekraftreiniger (Aerosol)
- 0890 107 003 Montagekraftreiniger Plus / Power cleaner for assembly plus (Aerosol)
- 0890 107 004 Montagekraftreiniger Plus / Power cleaner for assembly plus (Bulk)
- 0890 107 005 Montagekraftreiniger Plus / Power cleaner for assembly plus (Bulk)
- 0893 107 006 Montagekraftreiniger Plus / Power cleaner for assembly plus (Bulk)
- 0890 107 05 Power Cleaner For Assembly / Montagekraftreiniger (Bulk)
- 0893 550 000 Slide Wax / Gleit-Wachs
- 0893 107 6 Foodstuffs HHS / Lebensmittel HHS
- 0893 107 1 Food Safe Lubricating Oil / Lebensmittelschmieröl
- 0893 107 001 LMS Fluid
- 0893 107 002 Multi-purpose grease III / Mehrzweckfett III
- 0893 107 003 Multi-purpose grease IV / Mehrzweckfett IV
- 0893 056 Multi Plus
- 0893 106 202 HHS 6000 Plus
- 0890 109 6 Multiclean
- 0893 056 000 Multi Plus
- 0893 106 203 HHS 2000 Plus
- 0893 106 204 HHS 200 Plus
- 0893 106 205 HHS 100 PLUS
- 0893 140 400 ROST OFF PLUS
- 0893 221 000 Silicon-Fluid

