

# Liebherr-Lubricants Technical Datasheet



## Liebherr Universalfett 9900

### Application / Description

Liebherr Universalfett 9900 is a high performance lubricating grease based on VCI-technology. It is squeeze-stable, very adherent, and resistant to ageing and water. The product has been developed as a multi-purpose grease for the lubrication of Liebherr construction machines, as well as slewing ring antifriction bearings, bolts, gearwheels, axles, screws and much more. Liebherr Universalfett 9900 is based on a special lithium complex soap and equipped with a highly efficient corrosion protection system (VCI). Extreme-Pressure Additives and a select combination of solid lubricants with Teflon and other synergistic active additives offer safe protection against wear and corrosion fatigue. Suitable for central lubrication systems up to -20°C (consider pumpability and manufacturer data).

### Application temperature

- 25°C to +150°C  
up to - 20°C pumpable in central lubrication systems  
temporarily admissible temperature peak +200°C

### Qualification

DIN 51 502	KPF 2 N - 25
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### Technical specifications

Chemical and physical characteristics	Test method	Liebherr Universalfett 9900
NLGI-class	DIN 51 818	2
Soap base	-	Lithium complex
Colour	-	beige
Worked penetration	0,1 mm DIN ISO 2137	265 - 295
Behaviour with respect to water	(static test) DIN 51 807/1	0 - 90
VKA-welding load	N DIN 51 350/4	> 6000
Riffel protection test	Rtmax / Rtmin / corr. FVA 431	5 / 1,6 / 2,5

### Packing units / Identification numbers

packing size	Identification number
400g cartridge	10 29 68 16
400g Lube Shuttle® cartridge	10 66 47 21
4 x 400g cartridge	10 42 50 86
24 x 400g cartridge	10 42 68 15
24 x 400g Lube Shuttle® cartridge	11 10 08 90
10kg pail	10 29 68 13
25kg pail	10 29 68 12
50kg pail	10 29 68 11
180kg pail	10 29 68 10

Lube-Shuttle® is a registered trademark of MATO

Please pass your orders to your Liebherr partner by indicating the identification number.  
All information after best knowledge, however without guarantee. Technical data are average values and subject to the usual variation of production. Data modifications by innovation from product and conversion remain reserving.

### Further questions?

If you require additional information: please contact your technical advisor.  
Liebherr-Lubricant-Hotline: + 49 (0) 7354/80-6060

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[lubricants@liebherr.com](mailto:lubricants@liebherr.com)

**Liebherr-Hydraulikbagger GmbH**

Liebherrstraße 12, D-88457 Kirchdorf/Iller

Tel: +49 (7354) 80 0, Fax: +49 (7354) 80 7294

[www.liebherr.com](http://www.liebherr.com), E-Mail: [info.lhb@liebherr.com](mailto:info.lhb@liebherr.com)

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