

CAVEX® GmbH & Co. KG, D-72131 Offerdingen, Tel. +49 7473 95546 0

Lubricant list for:

- CAVEX® worm gearboxes according to catalogue CSG 11
- CAVEX® worm wheel sets according to catalogue CRS 11

Status 10/2022

The lubricants specified in table 1 have been approved by CAVEX® GmbH & Co. KG. Please refer to the operating manual for the respective CAVEX® worm gearboxes or the CAVEX® worm wheel sets for the conditions for use.

The respective catalogues and operating manuals can be found on the website:

www.cavex-gmbh.com

Lubricant	Viscosity ISO-VG DIN 51519 at 40 °C (mm ² /s)			
Polyglycols (PG-oil)	VG 1000	RENOLIN PG 1000	Klübersynth GH6-1000	Optigear Synthetic 800/1000
	VG 680	RENOLIN PG 680	Klübersynth GH6-680	Optigear Synthetic 800/680
	VG 460	RENOLIN PG 460	Klübersynth GH6-460	Optigear Synthetic 800/460; 1300/460
	VG 320	RENOLIN PG 320	Klübersynth GH6-320	Optigear Synthetic 800/320
	VG 220	RENOLIN PG 220	Klübersynth GH6-220	Optigear Synthetic 800/220; 1300/220
	VG 150	RENOLIN PG 150	Klübersynth GH6-150	Optigear Synthetic 800/150
H1 Oil	VG 220 – VG 1000		Klübersynth UH1 6 Viscosity grades ISO VG 220 - 1000	
Roller bearing greases		Renolit GP2	PETAMO GHY 133N	Tribol GR 4020/220-2PD
		Renolit GP3		Tribol GR 3785/220-1,5
		Renolit H443-HD88		
H1 Roller bearing greases	on request			
<p>Lubricants approved by CAVEX® GmbH & Co. KG, status 10/2022, for worm gearboxes according to catalogue CSG 11 and for worm and wheel sets according to catalogue CRS 11 The conditions of use can be found in the respective catalogues and the respective operating manuals for the CAVEX® worm gearboxes BA6620 and for the CAVEX® worm and wheel sets, BA 6700.</p>				
<p>General information:</p> <ul style="list-style-type: none"> - Consideration of load capacity and efficiency for worm gearboxes and worm and wheel sets - Consideration of load carrying capacity of the bearings in worm gearboxes - Consideration of material compatibility for worm gearboxes with regard to wheel set parts, shafts, wheel bodies, bearings, housing parts, seals, interior painting of housing parts and exterior painting of housing parts - Consideration of material compatibility of worm and wheel sets with regard to the worm and wheel set components 				

Table 1: Lubricants approved by CAVEX® GmbH & Co. KG, status 10/2022, for worm gearboxes according to catalogue CSG 11 and for worm and wheel sets according to catalogue CRS 11