

Lubrication Guideline for BAUER2000 Gearboxes

lubricants for normal duty:

geartype	lubricant type / viscosity acc. ISO 3448	marking acc. DIN 51502
BF06 to BF90	mineral oil / ISO VG 220	CLP220
BG04 to BG100	mineral oil / ISO VG 220	CLP220
BK06 and BK10	synthetic polyglycol oil / ISO VG 220	PGLP220
BK20 to BK50	synthetic polyglycol oil / ISO VG 460	PGLP460
BK60 to BK90	mineral oil / ISO VG 220	CLP220
BS02 to BS10	synthetic polyglycol oil / ISO VG 220	PGLP220
BS20 to BS40	synthetic polyglycol oil / ISO VG 460	PGLP460
BM09 and BM10	synthetic polyglycol oil / ISO VG 220	PGLP220
BM20 to BM40	synthetic polyglycol oil / ISO VG 460	PGLP460

related bearing grease (motor bearings): **Shell Alvania R3** (mineral based, lithium thickened)

lubricants for high temperature duty:

geartype	lubricant type / viscosity acc. ISO 3448	marking acc. DIN 51502
BF06 to BF90	synthetic polyglycol oil / ISO VG 220	PGLP220
BG04 to BG100	synthetic polyglycol oil / ISO VG 220	PGLP220
BK60 to BK90	synthetic polyglycol oil / ISO VG 220	PGLP220
other types	see lubricants for normal duty	

related bearing grease (motor bearings): **Klüber Petamo GHY 133** (synthetic/mineral based, polyurea thickened)

lubricants for low temperature duty:

geartype	lubricant type / viscosity acc. ISO 3448	marking acc. DIN 51502
BF30 to BF90	synthetic polyalphaolefine oil / ISO VG 68	PAO68
BG30 to BG100	synthetic polyalphaolefine oil / ISO VG 68	PAO68
BK60 to BK90	synthetic polyalphaolefine oil / ISO VG 68	PAO68
other types	synthetic polyglycol oil / ISO VG 68	PGLP68

related bearing grease (motor bearings): **Fuchs Renolit S2** (synthetic polyglycol based, synthetically thickend)

Lubrication for food and beverage industry (USDA H1/NSF H1 compliant):

geartype	lubricant type / viscosity acc. ISO 3448	name
all types	synthetic polyalphaolefine oil / ISO VG 220	Klüberoil 4UH1-220N

related bearing grease (motor bearings): **Klüber UH1 14-151** (synthetic based, synthetically thickened)

biodegradable lubricants:

geartype	lubricant type / viscosity acc. ISO 3448	name
all types	vegetable oil based / ISO VG 220	Fuchs Plantogear 220S

related bearing grease (motor bearings): **Fuchs Plantogel 0120S** (synthetic based, lithium thickened)

Lubricants that are defined only by DIN-marking, may be supplied from procurement department according to the valid list of released lubricants (see BA168..) with the particular viscosity and are therewith not explicitly regulated!

Datum	28.05.08
Gez.	tf
Gepr.	dn
Maßstab	%


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Urheberschutzvermerk nach DIN 34

Zeichnungs-Nr.:

T2050-E

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