

# Coal Reclaimer

## 1.1.1 Lubricants

Sorts of lubricants and selection tables

Contents:

Circulating oil

Hydraulic oil

Grease



### **NOTE!**

The following tables do not claim completeness.

The order of the indicated manufacturers does not reflect a quality assessment and classification of their respective types.

Questions concerning specific lubricant data and details have to be settled with the respective manufacturer.

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	32	46	68	100	150
AGIP	Blasia 32 (Oso 32)	Blasia 46 (Oso 46)	Blasia 68 (Oso 68)	Blasia 100 (Oso 100)	Blasia 150 (Oso 150)
ARAL	Degol BG 32	Degol BG 46	Degol BG 68	Degol BG 100 Degol BMB 100	Degol BG 150 Degol Bmb 150
BP	Energol HLP 32	Energol GR-XP 32	Energol GR-XP 68	Energol GR-XP 100	Energol GR-XP 150
CASTROL	H yspin VG 32 Hyping AWS 32	H yspin VG 46 Hyping AWS 46	Alpha SP 68 Alpha ZN 68	Alpha SP 100 Alpha ZN 100	Alpha SP 150
ELF	Olna 32	Olna 46	Olna 68 Reductelf SP 68	Olna 100 Reductelf SP 100	Olna 150 Reductelf SP 150
ESSO	Nuto H 32	Nuto H 46	Spartan EP 68 (Nuto H 68)	Spartan EP 100	Spartan EP 150
FINA	Hydran 32	Hydran 46	Giran 68	Giran 100	Giran 150
MOBIL	Mobil DTE 24	Mobil DTE 25	Mobilgear 627 Compound AA	Mobilgear 627 Compound	Mobilgear 629 Compound BB
SHELL	Tellus 32	Tellus 46	Omala oil 68	Omala oil 100	Omala oil 150
TEXACO	Rando oil HDA 32	Rando oil HDB 46	Rando oil HDC 68 Meropa 68	Rando oil HDE 100 Meropa 100	Meropa 150

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	220	320	460	680
AGIP	Blasia 220	Blasia 320	Blasia 460	Blasia 680
ARAL	Degol BG 220 Degol BMB 220	Degol BG 320 Degol BMB 320	Degol BG 460 Degol BMB 460	Degol BG 680 Degol BMB 680
BP	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680
CASTROL	Alpha SP 220	Alpha SP 320 Alpha ZN 320	Alpha SP 460	Alpha SP 680
ELF	Olna 220 Reductelf SP 220	Reductelf SP 320	Reductelf SP 460	Reductelf SP 680
ESSO	Spartan EP 220	Spartan EP 320	Spartan EP 460	Spartan EP 680
FINA	Giran 220	Giran 320	Giran 460	Giran 680
MOBIL	Mobilgear 630 Mobil SHC630	Mobilgear 632 Compound DD	Mobilgear 634 Compound FF	Mobilgear 636 Compound GG
SHELL	Omala oil 220	Omala oil 320	Omala oil 460	Omala oil 680
TEXACO	Meropa 220	Meropa 320	Meropa 460	Meropa 680

Hydraulic oil DIN51524 Part 2

Marking acc. to DIN 51 502 HLP

ISO VG	10	22	32	46	68	100
AGIP	Oso 10	Oso 22	Oso 32	Oso 46	Oso 68	Oso 100

ARAL	Vitam DE 10 Vitam GF 10	Vitam DE 22 Vitam GF 22	Vitam DE 32 Vitam GF 32 Vitam HF 32	Vitam DE 46 Vitam GF 46 Vitam HF 46	Vitam DE 68 Vitam GF 68	Vitam DE 100 Vitam GF 100
BP	Energol HLP 10	Energol HLP 22 Energol HLP-D 22	Energol HLP 32 Energol HLP-D 32	Energol HLP 46 Energol HLP-D 46	Energol HLP 68 Energol HLP-D 68	Energol HLP 100 Energol HLP-D 100
CASTR OL	Hyspin AWS 10	Hyspin AWS 22	Hyspin AWS 32	Hyspin AWS 46	Hyspin AWS 68	Hyspin AWS 100
ELF	----	Olna 22 Hydrelf 22	Olna 32	Olna 46 Hydrelf 46	Olna 68 Hydrelf 68	Olna 100
ESSO	Nuto H 10	Nuto H 22	Nuto H 32 HLPD-Oil 32	Nuto H 46 HLPD-Oil 46	Nuto H 68	Nuto H 100
FINA	Hydran 10	Hydran 22	Hydran 32 Hydraulic oil D 3011-32	Hydran 46 Hydraulic coil D 3011-46	Hydran 68 Hydraulic oil D 3011-68	Hydran 100
MOBIL	DTE 21	DTE 22 Hydr. Oil HLPD 22	DTE 24 Hydr. Oil "Light" Hydr. Oil HLPD 32	DTE 25 Hydr. Oil "Medium" Hydr. Oil HLPD 46	DTE 26 Hydr. Oil "Heavy" "Medium"	DTE 27 Hydr. Oil "Heavy"
SHELL	Tellus 10	Tellus 22 Hydrol DO 22	Tellus 32 Hydrol DO 32	Tellus 46 Hydrol DO 46	Tellus 68 Hydrol DO 68	Tellus 100 Hydrol DO 100
TEXACO	Rando oil HDA 10	Rando oil HDA 22 Alcor Oil DD 22	Rando oil HDA 32 Alcor Oil DD 32	Rando oil HDB 46 Hydr. Oil HDW 46 Alcor Oil DD 46	Rando oil HDC 68	Rando oil HDE 100

#### Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 2 K 2(K)	Multi-purpose grease NLGI 3 K 3(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	Longtime Grease, GRMU 2	GRMU 3	GRMU/EP 2
ARAL	Aralub HL 2, Longtime	Aralub HL 3	Aralub HLP 2

	Grease H, Aralub FK 2		
BP	Energrease LS 2, Longtime Grease	Energrease LS 3	Energrease LS-EP, Longtime Grease
CASTROL	Spheerol AP 2, ALV	Spheerol AP 3, ALV	Spheerol EL P2, LZV-EP
CHEVRON	Dura Lith Grease 2	Dura Lith Grease 3	Dura Lith Grease EP 2, Polywea Grease 2 EP
ELF	Multi 2, Rolexa 2	Rolexa 3	Grease 2 EP, Epexa 2
ESSO	Beacon 2, (Unirex N 2), Exxon Multi-purpose grease	Beacon 3 Unirex N3	Beacon EP 2
KLUBER	Centoplex 2	Centoplex 3	Centoplex 2 EP
MOBIL	Lux 2, Grease MP, Plex	Lux 3, Plex 48	Lux EP2
SHELL	Alvania R 2, Retinax A, 3882	Alvania R 3	Alvania EP 2, Rhodina 2
TEXACO	Glissando FT 2, Marfak A.P. Multifak 2(20), Regal ATB 2	Glissando FT3(30) Regal Srafak, Premium 3	

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 3 + P, KP 3(K)	Multi-purpose grease NLGI 2 + Graphit order Mo S <sub>2</sub> kf2(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	GRMU/EP 3	GRSM	GR, Mu / EP 1
ARAL	LF 3, HL 3	Aralub LFZ1, Aralub PMD 1, Multi-purpose grease F	Aralub FKP
BP	LS 3	Multi-purpose grease L21M,	Energrease LS-EP 1,

		Energrease L21M	Olex PR 9142
CASTROL	Spheerol EPL 3	MS 3 F, Spheerol UW	Spheerol AP 1
CHEVRON	Duralith Grease EP3	Duralith Grease 2 Moly Grease 2	----
ELF	Epexa 3, Rolexa 3	Elfnerva 430 w, Moly Grease 2	Epexa 1, Rolexa 1
ESSO	Beacon 3	Multi-purpose grease M, Multi-purpose grease (Moly) (Beaxon Q 2)	Nebula EP 1
KLUBER	Natosbin B 16	----	----
MOBIL	Lux EP 3	Mobitac D, E und 81	Sovarex Grease L 1
SHELL	Alvania R 3	Retinax AM	Alvania EP 1,
TEXACO	Multifak 3 Glissando FT 3	Molytex Grease EP 2 Molytex Grease 2	----

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Adhesive lubricant Din 51513 BB u.BC-v	Gear grease for open gearboxes OG 1 (K)	Free-flowing gearbox Gease NLGI 0/00 G0=G00	Free-flowing gearbox Gease WLGI 00=EP u.0 GP0 u.GP00
AGIP	F1,Fin 332F	Sagu 60	GRSLL,GRLFO	GRSLL,GRLFO
AVIA	Avilub BB 21, Avilub BB 22 Fluid	-----	-----	-----
ARAL	SinitFZ 12, Sinit FZ2,	Aralub LFZ 1	Aralub FD00	Aralub FDP 00

	SinitFZL 3, Sinit FZL2,			
BP	Energol WR1 Energol GR-3000-Z	Energrease HT-EP 1	Energrease HT 0, Energrease FG 00-EP	Energrease HT 00 EP, (Energrease HT 0)
CASTROL	Grippa 33 S, Grippa 60 S	Impervia GS	Impervia MMO, Produkt 780/25	CL 5 Grease
CHEVRON	Pineon Grease M 2	-----	GP Grease EP 00, GP Grease 0	GP Grease EP 00
ELF	Elfnerva 430 W	Cardexa DC 1	GA0 Ep, Epexa 0, Poly G0	GA0 EP
ESSO	Surett Fluid 4 K	Cazar K 1	Free-flowing gearbox grease, Fibrax 370	Fibrax EP 370
MOBIL	Tac A, Tac D,Tac E	Mobiltac 81 Sovarex Grease 1	Plex44,Gargoyle Grease 1200W Sovarex Grease L O	Gargoyle Grease 1200W Plex 44
SHELL	Grease S 8327	Simnia 1	Retinax G, Simnia Grease 0 Special Geargrease H	Special Geargrease H
TEXACO	Crater O, Crater 2X Fluid, Trixolit 2	Glissando FL 24, Cup Grease 1	Glissando FG 30, Marfak O, Marfak OO	Glissando DR, Multifak EPO

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## 1.1.2 Lubricants

Sorts of lubricants and selection tables

Contents:

Circulating oil

Hydraulic oil

Grease



### **NOTE!**

The following tables do not claim completeness.

The order of the indicated manufacturers does not reflect a quality assessment and classification of their respective types.

Questions concerning specific lubricant data and details have to be settled with the respective manufacturer.



Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	32	46	68	100	150
AGIP	Blasia 32 (Oso 32)	Blasia 46 (Oso 46)	Blasia 68 (Oso 68)	Blasia 100 (Oso 100)	Blasia 150 (Oso 150)
ARAL	Degol BG 32	Degol BG 46	Degol BG 68	Degol BG 100 Degol BMB 100	Degol BG 150 Degol Bmb 150
BP	Energol HLP 32	Energol GR-XP 32	Energol GR-XP 68	Energol GR-XP 100	Energol GR-XP 150
CASTROL	H yspin VG 32 Hyping AWS 32	H yspin VG 46 Hyping AWS 46	Alpha SP 68 Alpha ZN 68	Alpha SP 100 Alpha ZN 100	Alpha SP 150
ELF	Olna 32	Olna 46	Olna 68 Reductelf SP 68	Olna 100 Reductelf SP 100	Olna 150 Reductelf SP 150
ESSO	Nuto H 32	Nuto H 46	Spartan EP 68 (Nuto H 68)	Spartan EP 100	Spartan EP 150
FINA	Hydran 32	Hydran 46	Giran 68	Giran 100	Giran 150
MOBIL	Mobil DTE 24	Mobil DTE 25	Mobilgear 627 Compound AA	Mobilgear 627 Compound	Mobilgear 629 Compound BB
SHELL	Tellus 32	Tellus 46	Omala oil 68	Omala oil 100	Omala oil 150
TEXACO	Rando oil HDA 32	Rando oil HDB 46	Rando oil HDC 68 Meropa 68	Rando oil HDE 100 Meropa 100	Meropa 150

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	220	320	460	680
AGIP	Blasia 220	Blasia 320	Blasia 460	Blasia 680
ARAL	Degol BG 220 Degol BMB 220	Degol BG 320 Degol BMB 320	Degol BG 460 Degol BMB 460	Degol BG 680 Degol BMB 680
BP	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680
CASTROL	Alpha SP 220	Alpha SP 320 Alpha ZN 320	Alpha SP 460	Alpha SP 680
ELF	Olna 220 Reductelf SP 220	Reductelf SP 320	Reductelf SP 460	Reductelf SP 680
ESSO	Spartan EP 220	Spartan EP 320	Spartan EP 460	Spartan EP 680
FINA	Giran 220	Giran 320	Giran 460	Giran 680
MOBIL	Mobilgear 630 Mobil SHC630	Mobilgear 632 Compound DD	Mobilgear 634 Compound FF	Mobilgear 636 Compound GG
SHELL	Omala oil 220	Omala oil 320	Omala oil 460	Omala oil 680
TEXACO	Meropa 220	Meropa 320	Meropa 460	Meropa 680

Hydraulic oil DIN51524 Part 2

Marking acc. to DIN 51 502 HLP

ISO VG	10	22	32	46	68	100
AGIP	Oso 10	Oso 22	Oso 32	Oso 46	Oso 68	Oso 100

ARAL	Vitam DE 10 Vitam GF 10	Vitam DE 22 Vitam GF 22	Vitam DE 32 Vitam GF 32 Vitam HF 32	Vitam DE 46 Vitam GF 46 Vitam HF 46	Vitam DE 68 Vitam GF 68	Vitam DE 100 Vitam GF 100
BP	Energol HLP 10	Energol HLP 22 Energol HLP-D 22	Energol HLP 32 Energol HLP-D 32	Energol HLP 46 Energol HLP-D 46	Energol HLP 68 Energol HLP-D 68	Energol HLP 100 Energol HLP-D 100
CASTR OL	Hyspin AWS 10	Hyspin AWS 22	Hyspin AWS 32	Hyspin AWS 46	Hyspin AWS 68	Hyspin AWS 100
ELF	----	Olna 22 Hydrelf 22	Olna 32	Olna 46 Hydrelf 46	Olna 68 Hydrelf 68	Olna 100
ESSO	Nuto H 10	Nuto H 22	Nuto H 32 HLPD-Oil 32	Nuto H 46 HLPD-Oil 46	Nuto H 68	Nuto H 100
FINA	Hydran 10	Hydran 22	Hydran 32 Hydraulic oil D 3011-32	Hydran 46 Hydraulic coil D 3011-46	Hydran 68 Hydraulic oil D 3011-68	Hydran 100
MOBIL	DTE 21	DTE 22 Hydr. Oil HLPD 22	DTE 24 Hydr. Oil "Light" Hydr. Oil HLPD 32	DTE 25 Hydr. Oil "Medium" Hydr. Oil HLPD 46	DTE 26 Hydr. Oil "Heavy" "Medium"	DTE 27 Hydr. Oil "Heavy"
SHELL	Tellus 10	Tellus 22 Hydrol DO 22	Tellus 32 Hydrol DO 32	Tellus 46 Hydrol DO 46	Tellus 68 Hydrol DO 68	Tellus 100 Hydrol DO 100
TEXAC O	Rando oil HDA 10	Rando oil HDA 22 Alcor Oil DD 22	Rando oil HDA 32 Alcor Oil DD 32	Rando oil HDB 46 Hydr. Oil HDW 46 Alcor Oil DD 46	Rando oil HDC 68	Rando oil HDE 100

#### Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 2 K 2(K)	Multi-purpose grease NLGI 3 K 3(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	Longtime Grease, GRMU 2	GRMU 3	GRMU/EP 2
ARAL	Aralub HL 2, Longtime	Aralub HL 3	Aralub HLP 2

	Grease H, Aralub FK 2		
BP	Energrease LS 2, Longtime Grease	Energrease LS 3	Energrease LS-EP, Longtime Grease
CASTROL	Spheerol AP 2, ALV	Spheerol AP 3, ALV	Spheerol EL P2, LZV-EP
CHEVRON	Dura Lith Grease 2	Dura Lith Grease 3	Dura Lith Grease EP 2, Polywea Grease 2 EP
ELF	Multi 2, Rolexa 2	Rolexa 3	Grease 2 EP, Epexa 2
ESSO	Beacon 2, (Unirex N 2), Exxon Multi-purpose grease	Beacon 3 Unirex N3	Beacon EP 2
KLUBER	Centoplex 2	Centoplex 3	Centoplex 2 EP
MOBIL	Lux 2, Grease MP, Plex	Lux 3, Plex 48	Lux EP2
SHELL	Alvania R 2, Retinax A, 3882	Alvania R 3	Alvania EP 2, Rhodina 2
TEXACO	Glissando FT 2, Marfak A.P. Multifak 2(20), Regal ATB 2	Glissando FT3(30) Regal Srafak, Premium 3	

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 3 + P, KP 3(K)	Multi-purpose grease NLGI 2 + Graphit order Mo S <sub>2</sub> kf2(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	GRMU/EP 3	GRSM	GR, Mu / EP 1
ARAL	LF 3, HL 3	Aralub LFZ1, Aralub PMD 1, Multi-purpose grease F	Aralub FKP
BP	LS 3	Multi-purpose grease L21M,	Energrease LS-EP 1,

		Energrease L21M	Olex PR 9142
CASTROL	Spheerol EPL 3	MS 3 F, Spheerol UW	Spheerol AP 1
CHEVRON	Duralith Grease EP3	Duralith Grease 2 Moly Grease 2	----
ELF	Epexa 3, Rolexa 3	Elfnerva 430 w, Moly Grease 2	Epexa 1, Rolexa 1
ESSO	Beacon 3	Multi-purpose grease M, Multi-purpose grease (Moly) (Beaxon Q 2)	Nebula EP 1
KLUBER	Natosbin B 16	----	----
MOBIL	Lux EP 3	Mobitac D, E und 81	Sovarex Grease L 1
SHELL	Alvania R 3	Retinax AM	Alvania EP 1,
TEXACO	Multifak 3 Glissando FT 3	Molytex Grease EP 2 Molytex Grease 2	----

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Adhesive lubricant Din 51513 BB u.BC-v	Gear grease for open gearboxes OG 1 (K)	Free-flowing gearbox Gease NLGI 0/00 G0=G00	Free-flowing gearbox Gease WLGI 00=EP u.0 GP0 u.GP00
AGIP	F1,Fin 332F	Sagu 60	GRSLL,GRLFO	GRSLL,GRLFO
AVIA	Avilub BB 21, Avilub BB 22 Fluid	-----	-----	-----
ARAL	SinitFZ 12, Sinit FZ2,	Aralub LFZ 1	Aralub FD00	Aralub FDP 00

	SinitFZL 3, Sinit FZL2,			
BP	Energol WR1 Energol GR-3000-Z	Energrease HT-EP 1	Energrease HT 0, Energrease FG 00-EP	Energrease HT 00 EP, (Energrease HT 0)
CASTROL	Grippa 33 S, Grippa 60 S	Impervia GS	Impervia MMO, Produkt 780/25	CL 5 Grease
CHEVRON	Pineon Grease M 2	-----	GP Grease EP 00, GP Grease 0	GP Grease EP 00
ELF	Elfnerva 430 W	Cardexa DC 1	GA0 Ep, Epexa 0, Poly G0	GA0 EP
ESSO	Surett Fluid 4 K	Cazar K 1	Free-flowing gearbox grease, Fibrax 370	Fibrax EP 370
MOBIL	Tac A, Tac D,Tac E	Mobiltac 81 Sovarex Grease 1	Plex44,Gargoyle Grease 1200W Sovarex Grease L O	Gargoyle Grease 1200W Plex 44
SHELL	Grease S 8327	Simnia 1	Retinax G, Simnia Grease 0 Special Geargrease H	Special Geargrease H
TEXACO	Crater O, Crater 2X Fluid, Trixolit 2	Glissando FL 24, Cup Grease 1	Glissando FG 30, Marfak O, Marfak OO	Glissando DR, Multifak EPO

COAL STACKER

### 1.1.3 Lubricants

Sorts of lubricants and selection tables

Contents:

Circulating oil

Hydraulic oil

Grease



**NOTE!**

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Questions concerning specific lubricant data and details have to be settled with the respective manufacturer.

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	32	46	68	100	150
AGIP	Blasia 32 (Oso 32)	Blasia 46 (Oso 46)	Blasia 68 (Oso 68)	Blasia 100 (Oso 100)	Blasia 150 (Oso 150)
ARAL	Degol BG 32	Degol BG 46	Degol BG 68	Degol BG 100 Degol BMB 100	Degol BG 150 Degol Bmb 150
BP	Energol HLP 32	Energol GR-XP 32	Energol GR-XP 68	Energol GR-XP 100	Energol GR-XP 150
CASTROL	H yspin VG	H yspin VG	Alpha SP 68	Alpha SP 100	Alpha SP 150

	32 Hyping AWS 32	46 Hyping AWS 46	Alpha ZN 68	Alpha ZN 100	
ELF	Olna 32	Olna 46	Olna 68 Reductelf SP 68	Olna 100 Reductelf SP 100	Olna 150 Reductelf SP 150
ESSO	Nuto H 32	Nuto H 46	Spartan EP 68 (Nuto H 68)	Spartan EP 100	Spartan EP 150
FINA	Hydran 32	Hydran 46	Giran 68	Giran 100	Giran 150
MOBIL	Mobil DTE 24	Mobil DTE 25	Mobilgear 627 Compound AA	Mobilgear 627 Compound	Mobilgear 629 Compound BB
SHELL	Tellus 32	Tellus 46	Omala oil 68	Omala oil 100	Omala oil 150
TEXACO	Rando oil HDA 32	Rando oil HDB 46	Rando oil HDC 68 Meropa 68	Rando oil HDE 100 Meropa 100	Meropa 150

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	220	320	460	680
AGIP	Blasia 220	Blasia 320	Blasia 460	Blasia 680
ARAL	Degol BG 220 Degol BMB 220	Degol BG 320 Degol BMB 320	Degol BG 460 Degol BMB 460	Degol BG 680 Degol BMB 680
BP	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680
CASTROL	Alpha SP 220	Alpha SP 320 Alpha ZN 320	Alpha SP 460	Alpha SP 680
ELF	Olna 220 Reductelf SP 220	Reductelf SP 320	Reductelf SP 460	Reductelf SP 680
ESSO	Spartan EP 220	Spartan EP 320	Spartan EP 460	Spartan EP 680
FINA	Giran 220	Giran 320	Giran 460	Giran 680



MOBIL	Mobilgear 630 Mobil SHC630	Mobilgear 632 Compound DD	Mobilgear 634 Compound FF	Mobilgear 636 Compound GG
SHELL	Omala oil 220	Omala oil 320	Omala oil 460	Omala oil 680
TEXACO	Meropa 220	Meropa 320	Meropa 460	Meropa 680

Hydraulic oil DIN51524 Part 2

Marking acc. to DIN 51 502 HLP

ISO VG	10	22	32	46	68	100
AGIP	Oso 10	Oso 22	Oso 32	Oso 46	Oso 68	Oso 100
ARAL	Vitam DE 10 Vitam GF 10	Vitam DE 22 Vitam GF 22	Vitam DE 32 Vitam GF 32 Vitam HF 32	Vitam DE 46 Vitam GF 46 Vitam HF 46	Vitam DE 68 Vitam GF 68	Vitam DE 100 Vitam GF 100
BP	Energol HLP 10	Energol HLP 22 Energol HLP-D 22	Energol HLP 32 Energol HLP-D 32	Energol HLP 46 Energol HLP-D 46	Energol HLP 68 Energol HLP-D 68	Energol HLP 100 Energol HLP-D 100
CASTR OL	Hyspin AWS 10	Hyspin AWS 22	Hyspin AWS 32	Hyspin AWS 46	Hyspin AWS 68	Hyspin AWS 100
ELF	----	Olna 22 Hydrelf	Olna 32	Olna 46 Hydrelf 46	Olna 68 Hydrelf 68	Olna 100

		22				
ESSO	Nuto H 10	Nuto H 22	Nuto H 32 HLPD-Oil 32	Nuto H 46 HLPD-Oil 46	Nuto H 68	Nuto H 100
FINA	Hydran 10	Hydran 22	Hydran 32 Hydraulic oil D 3011-32	Hydran 46 Hydraulic coil D 3011-46	Hydran 68 Hydraulic oil D 3011-68	Hydran 100
MOBIL	DTE 21	DTE 22 Hydr. Oil HLPD 22	DTE 24 Hydr. Oil "Light" Hydr. Oil HLPD 32	DTE 25 Hydr. Oil "Medium" Hydr. Oil HLPD 46	DTE 26 Hydr. Oil "Heavy" "Medium"	DTE 27 Hydr. Oil "Heavy"
SHELL	Tellus 10	Tellus 22 Hydrol DO 22	Tellus 32 Hydrol DO 32	Tellus 46 Hydrol DO 46	Tellus 68 Hydrol DO 68	Tellus 100 Hydrol DO 100
TEXACO	Rando oil HDA 10	Rando oil HDA 22 Alcor Oil DD 22	Rando oil HDA 32 Alcor Oil DD 32	Rando oil HDB 46 Hydr. Oil HDW 46 Alcor Oil DD 46	Rando oil HDC 68	Rando oil HDE 100

#### Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 2 K 2(K)	Multi-purpose grease NLGI 3 K 3(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	Longtime Grease, GRMU 2	GRMU 3	GRMU/EP 2
ARAL	Aralub HL 2, Longtime Grease H, Aralub FK 2	Aralub HL 3	Aralub HLP 2
BP	Energrease LS 2, Longtime Grease	Energrease LS 3	Energrease LS-EP, Longtime Grease
CASTROL	Spheerol AP 2, ALV	Spheerol AP 3, ALV	Spheerol EL P2, LZV-EP
CHEVRON	Dura Lith Grease 2	Dura Lith Grease 3	Dura Lith Grease EP 2, Polywea Grease 2 EP
ELF	Multi 2, Rolexa 2	Rolexa 3	Grease 2 EP, Epexa 2
ESSO	Beacon 2, (Unirex N 2), Exxon Multi-purpose grease	Beacon 3 Unirex N3	Beacon EP 2
KLUBER	Centoplex 2	Centoplex 3	Centoplex 2 EP
MOBIL	Lux 2, Grease MP, Plex	Lux 3, Plex 48	Lux EP2

SHELL	Alvania R 2, Retinax A, 3882	Alvania R 3	Alvania EP 2, Rhodina 2
TEXACO	Glissando FT 2, Marfak A.P. Multifak 2(20), Regal ATB 2	Glissando FT3(30) Regal Srafak, Premium 3	

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 3 + P, KP 3(K)	Multi-purpose grease NLGI 2 + Graphit order Mo S <sub>2</sub> kf2(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	GRMU/EP 3	GRSM	GR, Mu / EP 1
ARAL	LF 3, HL 3	Aralub LFZ1, Aralub PMD 1, Multi-purpose grease F	Aralub FKP
BP	LS 3	Multi-purpose grease L21M, Energrease L21M	Energrease LS-EP 1, Olex PR 9142
CASTROL	Spheerol EPL 3	MS 3 F, Spheerol UW	Spheerol AP 1
CHEVRON	Duralith Grease EP3	Duralith Grease 2 Moly Grease 2	----
ELF	Epexa 3, Rolexa 3	Elfnerva 430 w, Moly Grease 2	Epexa 1, Rolexa 1
ESSO	Beacon 3	Multi-purpose grease M, Multi-purpose grease (Moly) (Beaxon Q 2)	Nebula EP 1
KLUBER	Natosbin B 16	----	----
MOBIL	Lux EP 3	Mobitac D, E und 81	Sovarex Grease L 1
SHELL	Alvania R 3	Retinax AM	Alvania EP 1,
TEXACO	Multifak 3 Glissando FT 3	Molytex Grease EP 2 Molytex Grease 2	----

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Adhesive lubricant Din 51513 BB u.BC-v	Gear grease for open gearboxes OG 1 (K)	Free-flowing gearbox Gease NLGI 0/00 G0=G00	Free-flowing gearbox Gease WLGI 00=EP u.0 GP0 u.GP00
AGIP	F1,Fin 332F	Sagu 60	GRSLL,GRLFO	GRSLL,GRLFO
AVIA	Avilub BB 21, Avilub BB 22 Fluid	-----	-----	-----
ARAL	SinitFZ 12, Sinit FZ2, SinitFZL 3, Sinit FZL2,	Aralub LFZ 1	Aralub FD00	Aralub FDP 00
BP	Energol WRI Energol GR-3000-Z	Energrease HT-EP 1	Energrease HT 0, Energrease FG 00-EP	Energrease HT 00 EP, (Energrease HT 0)
CASTROL	Grippa 33 S, Grippa 60 S	Impervia GS	Impervia MMO, Produkt 780/25	CL 5 Grease
CHEVRON	Pineon Grease M 2	-----	GP Grease EP 00, GP Grease 0	GP Grease EP 00
ELF	Elfnerva 430 W	Cardexa DC 1	GA0 Ep, Epexa 0, Poly G0	GA0 EP
ESSO	Surett Fluid 4 K	Cazar K 1	Free-flowing	Fibrax EP 370

			gearbox grease, Fibrax 370	
MOBIL	Tac A, Tac D,Tac E	Mobiltac 81 Sovarex Grease 1	Plex44,Gargoyle Grease 1200W Sovarex Grease L O	Gargoyle Grease 1200W Plex 44
SHELL	Grease S 8327	Simnia 1	Retinax G, Simnia Grease 0 Special Geargrease H	Special Geargrease H
TEXACO	Crater O, Crater 2X Fluid, Trixolit 2	Glissando FL 24, Cup Grease 1	Gllissando FG 30, Marfak O, Marfak OO	Glissando DR, Multifak EPO

Ore Stacker

## 1.1.4 Lubricants

Sorts of lubricants and selection tables

Contents:

Circulating oil

Hydraulic oil

Grease



### NOTE!

The following tables do not claim completeness.

The order of the indicated manufacturers does not reflect a quality assessment and classification of their respective types.

Questions concerning specific lubricant data and details have to be settled with the respective manufacturer.

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	32	46	68	100	150
AGIP	Blasia 32 (Oso 32)	Blasia 46 (Oso 46)	Blasia 68 (Oso 68)	Blasia 100 (Oso 100)	Blasia 150 (Oso 150)
ARAL	Degol BG 32	Degol BG 46	Degol BG 68	Degol BG 100 Degol BMB 100	Degol BG 150 Degol Bmb 150
BP	Energol HLP 32	Energol GR-XP 32	Energol GR-XP 68	Energol GR-XP 100	Energol GR-XP 150
CASTROL	H yspin VG 32 Hyping AWS 32	H yspin VG 46 Hyping AWS 46	Alpha SP 68 Alpha ZN 68	Alpha SP 100 Alpha ZN 100	Alpha SP 150
ELF	Olna 32	Olna 46	Olna 68 Reductelf SP 68	Olna 100 Reductelf SP 100	Olna 150 Reductelf SP 150
ESSO	Nuto H 32	Nuto H 46	Spartan EP 68 (Nuto H 68)	Spartan EP 100	Spartan EP 150
FINA	Hydran 32	Hydran 46	Giran 68	Giran 100	Giran 150
MOBIL	Mobil DTE 24	Mobil DTE 25	Mobilgear 627 Compound AA	Mobilgear 627 Compound	Mobilgear 629 Compound BB
SHELL	Tellus 32	Tellus 46	Omala oil 68	Omala oil 100	Omala oil 150
TEXACO	Rando oil HDA 32	Rando oil HDB 46	Rando oil HDC 68 Meropa 68	Rando oil HDE 100 Meropa 100	Meropa 150

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	220	320	460	680
AGIP	Blasia 220	Blasia 320	Blasia 460	Blasia 680
ARAL	Degol BG 220 Degol BMB 220	Degol BG 320 Degol BMB 320	Degol BG 460 Degol BMB 460	Degol BG 680 Degol BMB 680
BP	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680
CASTROL	Alpha SP 220	Alpha SP 320 Alpha ZN 320	Alpha SP 460	Alpha SP 680
ELF	Olna 220 Reductelf SP 220	Reductelf SP 320	Reductelf SP 460	Reductelf SP 680
ESSO	Spartan EP 220	Spartan EP 320	Spartan EP 460	Spartan EP 680
FINA	Giran 220	Giran 320	Giran 460	Giran 680
MOBIL	Mobilgear 630 Mobil SHC630	Mobilgear 632 Compound DD	Mobilgear 634 Compound FF	Mobilgear 636 Compound GG
SHELL	Omala oil 220	Omala oil 320	Omala oil 460	Omala oil 680
TEXACO	Meropa 220	Meropa 320	Meropa 460	Meropa 680

Hydraulic oil DIN51524 Part 2

Marking acc. to DIN 51 502 HLP

ISO VG	10	22	32	46	68	100
AGIP	Oso 10	Oso 22	Oso 32	Oso 46	Oso 68	Oso 100

ARAL	Vitam DE 10 Vitam GF 10	Vitam DE 22 Vitam GF 22	Vitam DE 32 Vitam GF 32 Vitam HF 32	Vitam DE 46 Vitam GF 46 Vitam HF 46	Vitam DE 68 Vitam GF 68	Vitam DE 100 Vitam GF 100
BP	Energol HLP 10	Energol HLP 22 Energol HLP-D 22	Energol HLP 32 Energol HLP-D 32	Energol HLP 46 Energol HLP-D 46	Energol HLP 68 Energol HLP-D 68	Energol HLP 100 Energol HLP-D 100
CASTR OL	Hyspin AWS 10	Hyspin AWS 22	Hyspin AWS 32	Hyspin AWS 46	Hyspin AWS 68	Hyspin AWS 100
ELF	----	Olna 22 Hydrelf 22	Olna 32	Olna 46 Hydrelf 46	Olna 68 Hydrelf 68	Olna 100
ESSO	Nuto H 10	Nuto H 22	Nuto H 32 HLPD-Oil 32	Nuto H 46 HLPD-Oil 46	Nuto H 68	Nuto H 100
FINA	Hydran 10	Hydran 22	Hydran 32 Hydraulic oil D 3011-32	Hydran 46 Hydraulic oil D 3011-46	Hydran 68 Hydraulic oil D 3011-68	Hydran 100
MOBIL	DTE 21	DTE 22 Hydr. Oil HLPD 22	DTE 24 Hydr. Oil "Light" Hydr. Oil HLPD 32	DTE 25 Hydr. Oil "Medium" Hydr. Oil HLPD 46	DTE 26 Hydr. Oil "Heavy" "Medium"	DTE 27 Hydr. Oil "Heavy"
SHELL	Tellus 10	Tellus 22 Hydrol DO 22	Tellus 32 Hydrol DO 32	Tellus 46 Hydrol DO 46	Tellus 68 Hydrol DO 68	Tellus 100 Hydrol DO 100
TEXAC O	Rando oil HDA 10	Rando oil HDA 22 Alcor Oil DD 22	Rando oil HDA 32 Alcor Oil DD 32	Rando oil HDB 46 Hydr. Oil HDW 46 Alcor Oil DD 46	Rando oil HDC 68	Rando oil HDE 100

#### Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 2 K 2(K)	Multi-purpose grease NLGI 3 K 3(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	Longtime Grease, GRMU 2	GRMU 3	GRMU/EP 2
ARAL	Aralub HL 2, Longtime	Aralub HL 3	Aralub HLP 2



	Grease H, Aralub FK 2		
BP	Energrease LS 2, Longtime Grease	Energrease LS 3	Energrease LS-EP, Longtime Grease
CASTROL	Spheerol AP 2, ALV	Spheerol AP 3, ALV	Spheerol EL P2, LZV-EP
CHEVRON	Dura Lith Grease 2	Dura Lith Grease 3	Dura Lith Grease EP 2, Polywea Grease 2 EP
ELF	Multi 2, Rolexa 2	Rolexa 3	Grease 2 EP, Epexa 2
ESSO	Beacon 2, (Unirex N 2), Exxon Multi-purpose grease	Beacon 3 Unirex N3	Beacon EP 2
KLUBER	Centoplex 2	Centoplex 3	Centoplex 2 EP
MOBIL	Lux 2, Grease MP, Plex	Lux 3, Plex 48	Lux EP2
SHELL	Alvania R 2, Retinax A, 3882	Alvania R 3	Alvania EP 2, Rhodina 2
TEXACO	Glissando FT 2, Marfak A.P. Multifak 2(20), Regal ATB 2	Glissando FT3(30) Regal Srafak, Premium 3	

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 3 + P, KP 3(K)	Multi-purpose grease NLGI 2 + Graphit order Mo S <sub>2</sub> kf2(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	GRMU/EP 3	GRSM	GR, Mu / EP 1
ARAL	LF 3, HL 3	Aralub LFZ1, Aralub PMD 1, Multi-purpose grease F	Aralub FKP
BP	LS 3	Multi-purpose grease L21M,	Energrease LS-EP 1,

		Energrease L21M	Olex PR 9142
CASTROL	Spheerol EPL 3	MS 3 F, Spheerol UW	Spheerol AP 1
CHEVRON	Duralith Grease EP3	Duralith Grease 2 Moly Grease 2	----
ELF	Epexa 3, Rolexa 3	Elfnerva 430 w, Moly Grease 2	Epexa 1, Rolexa 1
ESSO	Beacon 3	Multi-purpose grease M, Multi-purpose grease (Moly) (Beaxon Q 2)	Nebula EP 1
KLUBER	Natosbin B 16	----	----
MOBIL	Lux EP 3	Mobitac D, E und 81	Sovarex Grease L 1
SHELL	Alvania R 3	Retinax AM	Alvania EP 1,
TEXACO	Multifak 3 Glissando FT 3	Molytex Grease EP 2 Molytex Grease 2	----

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Adhesive lubricant Din 51513 BB u.BC-v	Gear grease for open gearboxes OG 1 (K)	Free-flowing gearbox Gease NLGI 0/00 G0=G00	Free-flowing gearbox Gease WLGI 00=EP u.0 GP0 u.GP00
AGIP	F1,Fin 332F	Sagu 60	GRSLL,GRLFO	GRSLL,GRLFO
AVIA	Avilub BB 21, Avilub BB 22 Fluid	-----	-----	-----
ARAL	SinitFZ 12, Sinit FZ2, SinitFZL 3, Sinit FZL2,	Aralub LFZ 1	Aralub FD00	Aralub FDP 00
BP	Energol WRI Energol GR-3000-Z	Energrease HT-EP 1	Energrease HT 0, Energrease FG 00-EP	Energrease HT 00 EP, (Energrease HT 0)
CASTROL	Grippa 33 S, Grippa 60 S	Impervia GS	Impervia MMO, Produkt 780/25	CL 5 Grease
CHEVRON	Pineon Grease M 2	-----	GP Grease EP 00, GP Grease 0	GP Grease EP 00
ELF	Elfnerva 430 W	Cardexa DC 1	GA0 Ep, Epexa 0, Poly G0	GA0 EP
ESSO	Surett Fluid 4 K	Cazar K 1	Free-flowing gearbox grease, Fibrax 370	Fibrax EP 370
MOBIL	Tac A, Tac D,Tac E	Mobiltac 81 Sovarex Grease 1	Plex44,Gargoyle Grease 1200W Sovarex Grease L O	Gargoyle Grease 1200W Plex 44
SHELL	Grease S 8327	Simnia 1	Retinax G, Simnia Grease 0 Special Geargrease H	Special Geargrease H
TEXACO	Crater O, Crater 2X Fluid, Trixolit 2	Glissando FL 24, Cup Grease 1	Gllissando FG 30, Marfak O, Marfak OO	Glissando DR, Multifak EPO

Coal Stacker cum Reclaimer

## 1.1.5 Lubricants

Sorts of lubricants and selection tables

Contents:

Circulating oil

Hydraulic oil

Grease



### NOTE!

The following tables do not claim completeness.

The order of the indicated manufacturers does not reflect a quality assessment and classification of their respective types.

Questions concerning specific lubricant data and details have to be settled with the respective manufacturer.

Marking acc. to DIN 51 502 CLP

ISO VG	32	46	68	100	150
AGIP	Blasia 32 (Oso 32)	Blasia 46 (Oso 46)	Blasia 68 (Oso 68)	Blasia 100 (Oso 100)	Blasia 150 (Oso 150)
ARAL	Degol BG 32	Degol BG 46	Degol BG 68	Degol BG 100 Degol BMB 100	Degol BG 150 Degol Bmb 150
BP	Energol HLP 32	Energol GR-XP 32	Energol GR-XP 68	Energol GR-XP 100	Energol GR-XP 150
CASTROL	H yspin VG 32 Hyping AWS 32	H yspin VG 46 Hyping AWS 46	Alpha SP 68 Alpha ZN 68	Alpha SP 100 Alpha ZN 100	Alpha SP 150
ELF	Olna 32	Olna 46	Olna 68 Reductelf SP 68	Olna 100 Reductelf SP 100	Olna 150 Reductelf SP 150
ESSO	Nuto H 32	Nuto H 46	Spartan EP 68 (Nuto H 68)	Spartan EP 100	Spartan EP 150
FINA	Hydran 32	Hydran 46	Giran 68	Giran 100	Giran 150
MOBIL	Mobil DTE 24	Mobil DTE 25	Mobilgear 627 Compound AA	Mobilgear 627 Compound	Mobilgear 629 Compound BB
SHELL	Tellus 32	Tellus 46	Omala oil 68	Omala oil 100	Omala oil 150
TEXACO	Rando oil HDA 32	Rando oil HDB 46	Rando oil HDC 68 Meropa 68	Rando oil HDE 100 Meropa 100	Meropa 150

Circulating oil DIN 51517 Part 3

Marking acc. to DIN 51 502 CLP

ISO VG	220	320	460	680
AGIP	Blasia 220	Blasia 320	Blasia 460	Blasia 680
ARAL	Degol BG 220 Degol BMB 220	Degol BG 320 Degol BMB 320	Degol BG 460 Degol BMB 460	Degol BG 680 Degol BMB 680
BP	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680
CASTROL	Alpha SP 220	Alpha SP 320 Alpha ZN 320	Alpha SP 460	Alpha SP 680
ELF	Olna 220 Reductelf SP 220	Reductelf SP 320	Reductelf SP 460	Reductelf SP 680
ESSO	Spartan EP 220	Spartan EP 320	Spartan EP 460	Spartan EP 680
FINA	Giran 220	Giran 320	Giran 460	Giran 680
MOBIL	Mobilgear 630 Mobil SHC630	Mobilgear 632 Compound DD	Mobilgear 634 Compound FF	Mobilgear 636 Compound GG
SHELL	Omala oil 220	Omala oil 320	Omala oil 460	Omala oil 680
TEXACO	Meropa 220	Meropa 320	Meropa 460	Meropa 680

Hydraulic oil DIN51524 Part 2

Marking acc. to DIN 51 502 HLP

ISO VG	10	22	32	46	68	100
AGIP	Oso 10	Oso 22	Oso 32	Oso 46	Oso 68	Oso 100
ARAL	Vitam DE 10 Vitam GF 10	Vitam DE 22 Vitam GF 22	Vitam DE 32 Vitam GF 32 Vitam HF 32	Vitam DE 46 Vitam GF 46 Vitam HF 46	Vitam DE 68 Vitam GF 68	Vitam DE 100 Vitam GF 100
BP	Energol HLP 10	Energol HLP 22 Energol HLP-D 22	Energol HLP 32 Energol HLP-D 32	Energol HLP 46 Energol HLP-D 46	Energol HLP 68 Energol HLP-D 68	Energol HLP 100 Energol HLP-D 100
CASTR OL	Hyspin AWS 10	Hyspin AWS 22	Hyspin AWS 32	Hyspin AWS 46	Hyspin AWS 68	Hyspin AWS 100
ELF	----	Olna 22 Hydrelf 22	Olna 32	Olna 46 Hydrelf 46	Olna 68 Hydrelf 68	Olna 100
ESSO	Nuto H 10	Nuto H 22	Nuto H 32 HLPD-Oil 32	Nuto H 46 HLPD-Oil 46	Nuto H 68	Nuto H 100
FINA	Hydran 10	Hydran 22	Hydran 32 Hydraulic oil D 3011-32	Hydran 46 Hydraulic oil D 3011-46	Hydran 68 Hydraulic oil D 3011-68	Hydran 100
MOBIL	DTE 21	DTE 22 Hydr. Oil HLPD 22	DTE 24 Hydr. Oil "Light" Hydr. Oil HLPD 32	DTE 25 Hydr. Oil "Medium" Hydr. Oil HLPD 46	DTE 26 Hydr. Oil "Heavy" "Medium"	DTE 27 Hydr. Oil "Heavy"
SHELL	Tellus 10	Tellus 22 Hydrol DO 22	Tellus 32 Hydrol DO 32	Tellus 46 Hydrol DO 46	Tellus 68 Hydrol DO 68	Tellus 100 Hydrol DO 100
TEXACO	Rando oil HDA 10	Rando oil HDA 22 Alcor Oil DD 22	Rando oil HDA 32 Alcor Oil DD 32	Rando oil HDB 46 Hydr. Oil HDW 46 Alcor Oil DD 46	Rando oil HDC 68	Rando oil HDE 100

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 2 K 2(K)	Multi-purpose grease NLGI 3 K 3(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	Longtime Grease, GRMU 2	GRMU 3	GRMU/EP 2
ARAL	Aralub HL 2, Longtime Grease H, Aralub FK 2	Aralub HL 3	Aralub HLP 2
BP	Energrease LS 2, Longtime Grease	Energrease LS 3	Energrease LS-EP, Longtime Grease
CASTROL	Spheerol AP 2, ALV	Spheerol AP 3, ALV	Spheerol EL P2, LZV-EP
CHEVRON	Dura Lith Grease 2	Dura Lith Grease 3	Dura Lith Grease EP 2, Polywea Grease 2 EP
ELF	Multi 2, Rolexa 2	Rolexa 3	Grease 2 EP, Epexa 2
ESSO	Beacon 2, (Unirex N 2), Exxon Multi-purpose grease	Beacon 3 Unirex N3	Beacon EP 2
KLUBER	Centoplex 2	Centoplex 3	Centoplex 2 EP
MOBIL	Lux 2, Grease MP, Plex	Lux 3, Plex 48	Lux EP2
SHELL	Alvania R 2, Retinax A, 3882	Alvania R 3	Alvania EP 2, Rhodina 2
TEXACO	Glissando FT 2, Marfak A.P. Multifak 2(20), Regal ATB 2	Glissando FT3(30) Regal Srafak, Premium 3	



## Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Multi-purpose grease NLGI 3 + P, KP 3(K)	Multi-purpose grease NLGI 2 + Graphit order Mo S <sub>2</sub> kf2(K)	Multi-purpose grease NLGI 2 + P, KP 2(K)
AGIP	GRMU/EP 3	GRSM	GR, Mu / EP 1
ARAL	LF 3, HL 3	Aralub LFZ1, Aralub PMD 1, Multi-purpose grease F	Aralub FKP
BP	LS 3	Multi-purpose grease L21M, Energrease L21M	Energrease LS-EP 1, Olex PR 9142
CASTROL	Spheerol EPL 3	MS 3 F, Spheerol UW	Spheerol AP 1
CHEVRON	Duralith Grease EP3	Duralith Grease 2 Moly Grease 2	----
ELF	Epexa 3, Rolexa 3	Elfnerva 430 w, Moly Grease 2	Epexa 1, Rolexa 1
ESSO	Beacon 3	Multi-purpose grease M, Multi-purpose grease (Moly) (Beaxon Q 2)	Nebula EP 1
KLUBER	Natosbin B 16	----	----
MOBIL	Lux EP 3	Mobitac D, E und 81	Sovarex Grease L 1
SHELL	Alvania R 3	Retinax AM	Alvania EP 1,
TEXACO	Multifak 3 Glissando FT 3	Molytex Grease EP 2 Molytex Grease 2	----

Grease DIN 51825 Part 2

Marking acc. to DIN 51502	Adhesive lubricant Din 51513 BB u.BC-v	Gear grease for open gearboxes OG 1 (K)	Free-flowing gearbox Gease NLGI 0/00 G0=G00	Free-flowing gearbox Gease WLGI 00=EP u.0 GP0 u.GP00
AGIP	F1,Fin 332F	Sagu 60	GRSLL,GRLFO	GRSLL,GRLFO
AVIA	Avilub BB 21, Avilub BB 22 Fluid	-----	-----	-----
ARAL	SinitFZ 12, Sinit FZ2, SinitFZL 3, Sinit FZL2,	Aralub LFZ 1	Aralub FD00	Aralub FDP 00
BP	Energol WR1 Energol GR-3000-Z	Energrease HT-EP 1	Energrease HT 0, Energrease FG 00-EP	Energrease HT 00 EP, (Energrease HT 0)
CASTROL	Grippa 33 S, Grippa 60 S	Impervia GS	Impervia MMO, Produkt 780/25	CL 5 Grease
CHEVRON	Pineon Grease M 2	-----	GP Grease EP 00, GP Grease 0	GP Grease EP 00
ELF	Elfnerva 430 W	Cardexa DC 1	GA0 Ep, Epexa 0, Poly G0	GA0 EP
ESSO	Surett Fluid 4 K	Cazar K 1	Free-flowing gearbox grease, Fibrax 370	Fibrax EP 370
MOBIL	Tac A, Tac D,Tac E	Mobiltac 81 Sovarex Grease 1	Plex44,Gargoyle Grease 1200W Sovarex Grease L O	Gargoyle Grease 1200W Plex 44
SHELL	Grease S 8327	Simnia 1	Retinax G, Simnia Grease 0 Special Geargrease H	Special Geargrease H
TEXACO	Crater O, Crater 2X Fluid, Trixolit 2	Glissando FL 24, Cup Grease 1	Gllissando FG 30, Marfak O, Marfak OO	Glissando DR, Multifak EPO