



Lubricant selection table for newspaper and commercial web presses

(Other lubricants only in agreement with MAN Roland)

Gear oils

Lubrication oil - CLP DIN 51517-3:2004-01

	ISO VG 68	ISO VG 100
Manufacturer	Product name	
Agip		Blasia 100
Aral		Degol BG 100
Avia	Avia Gear RSX 68	Avia Gear RSX 100
Bechem	Staroil G 68	Staroil G100
BP	Energol GR-XP 68	Energol GR-XP 100
Castrol	Optigear BM 68 Alpha SP 68 Tribol 1100/68	Optigear BM 100 * Alpha SP 100 Tribol 1100/100
Elkalub	LFC 1068	LFC 1100 VP 866 (highly additivated)
ExxonMobil	Mobilgear 626	Mobilgear 627
Fuchs Europe	Renolin CLP 68	Renolin CLP 100
Klüber Lubrication	Klüberoil GEM 1-68 N	Klüberoil GEM 1-100 N
Metalworking Lubricants		Metlube 500 SPEP
Petro Canada	Accuflo SS68	
TotalFinaElf	Carter EP 68	Carter EP 100
Zeller+Gmelin		Divinol ICL ISO 100

*) Is used for the initial filling in newspaper presses

Viscosity class ISO VG 68:

- Commercial web press
- Geoman till year of construction 1992
- Colorman till year of construction 1998

Viscosity class ISO VG 100:

- Geoman from year of construction 1993
- Colorman from year of construction 1999

Recommendation:

Since March 2005 MAN Roland has been using Castrol Optigear BM 100 for the factory test runs. To ensure that the additives package produces an optimum build-up of tribo coatings, it is recommended to use this oil for the initial filling.

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Lubricating greases

For general applications and Bielomatik progressive central lubricating systems

Lubrication grease DIN 51825

	-KP 2 K (NGLI-class 2)	-KP1 K (NGLI-class 1)
Manufacturer	Product name	
Agip	Agip GR MU/EP 2	Agip GR MU/EP 1
Aral	Aralub HLP 2	Aralub HLP 1
Avia	Avialith 2 EP	
Bechem	High-Lub L2 EP	High-Lub L474-1
BP	Energrease LS-EP 2	
Castrol	Spheerol EPL 2 LZV-EP Optimol Longtime PD 2 * Tribol 3030/100-2	Optimol Lontime PD 1 *
DEA	Glissando 283 EP 2	
Elkalub	GLS 135/N2	GLS 163
ExxonMobil	Esso Beacon EP 2 Mobilux EP 2	Esso Beacon EP 1 Mobilux EP 1
Fuchs Europe	Renolit FEP 2	Renolit Duraplex EP1
Klüber Lubrication	Centoplex 2 EP	
Lubcon	Turmoplex 2 EP	
Shell	Alvania EP (LF) 2	Alvania EP (LF) 1
TotalFinaElf	Multis EP 2	Multis EP 1
Zeller+Gmelin	Divinol Fett L2	Divinol Fett 14 EP

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For Lincoln progressive central lubricating systems

Lubrication grease DIN 51825

	-KP 2 K (NGLI-class 2)	-KP1 K (NGLI-class 1)
Manufacturer	Product name	
Agip	Agip GR MU/EP 2	Agip GR MU/EP 1
Avia	Avialith 2 EP	
Castrol	Optimol Longtime PD 2 *	Optimol Lontime PD 1 *
DEA	Glissando 283 EP 2	
Elkalub	GLS 135/N2	GLS 163
ExxonMobil	Esso Beacon EP 2	
Fuchs Europe		Renolit Duraplex EP1
Zeller+Gmelin	Divinol Fett L2	Divinol Fett 14 EP

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Low-viscosity grease

For Bielomatik introduction-type central lubricating systems

Low-viscosity grease DIN 51818

	NLGI-class 00/000
Manufacturer	Product name
Agip	Autol Fließfett ZSA
Aral	Aralup GFP 000
Avia	Avialith 000 EP
Bechem	Ceritol CS 415 EP
BP	Energ grease LS EP-00
Castrol	CLS Grease Optimol Longtime PD 00 *
DEA	Glissando
Elkalub	GLG 16/N000
ExxonMobil	Esso Fließfett S 420 Mobilux EP 023/004
Fuchs Europe	Renolit Duraplex EP 00
Klüber	Centoplex GLP 500
Lubcon	Turmoplex EL 000 EP
Shell	Alvania GL 00
Zeller + Gmelin	Divinol Lithogrease 00

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Lubricants for chains

Manufacturer	Product name
Interflon	Fin Lube TF + Teflon
JWIS	VP6 - Kombi
Klüber	Klüberplus SK 11299
Neoval	Neoval Oil Spray
Optimol	KL 23 Spray
Rexnord	Hochleistungskettenspray
Shell	Morlina 10 / Morlina 46
Wippmann jr. GmbH	WKS - Spezial



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Oils for air lubricators

Hydraulic fluid DIN 51524-HL32

Manufacturer	Product name
Agip	Agip ASP C 32
Aral	Vitam DE 32
Avia	Avia Fluid RSL 32
Bechem	Staroil Nr. 32
BP	Energol HLP-D 32
Castrol	Hyspin AWS 32 / Hyspin SP 32 Optimol Ultra-PR Tribol 1840/32
Elkalub	LFC 1032
ExxonMobil	Mobil DTE Oil light HL 32 Esso Pneumatic oil 32
Fuchs Europe	Renolin MR 10
Klüber Lubrication	Airpress 32
Lubcon	Turmofluid 32 HLP
TotalFinaElf	Drosera MS 32
Zeller+Gmelin	Divinol GWA ISO 32

Bearer oils

Manufacturer	Product name
Elkalub	LA 151

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