

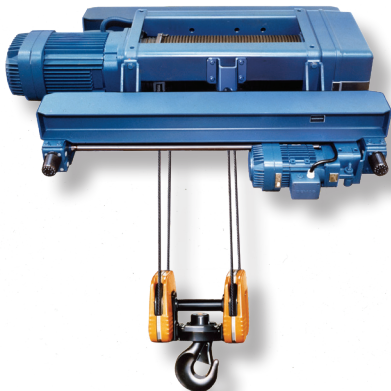
The Technician Guide to Demag Oils & Lubricants

Knowing what lubricants and oils are used in Demag hoists and gearboxes is an important aspect of regular maintenance. In your operator manual, we give you general guidelines on the frequency for changing the lubricants and oils. Keep in mind that environmental factors, mounting positions, and the configuration of your gearbox could require more frequent changes. Consult with a qualified technician based on your configuration.



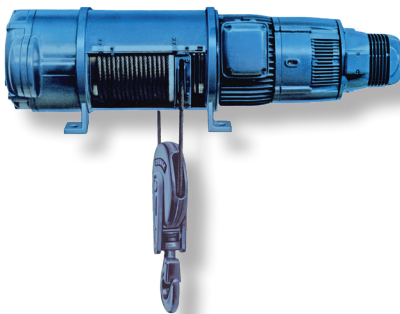
Demag DR & DMR Wire Rope Hoists

Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
HG	CLP220EP	Mineral Oil	47290244	1.0 L	Esso Spartan	-10 to 45C
			47290044	2.5 L		
FG	CLP220EP	Mineral Oil	47290244	1.0 L	Esso Spartan	-10 to 45C
			47290044	2.5 L		
Load Points	NBU12K	Grease K2N-15	47293344	0.120kg	Kluber	



Demag DH Wire Rope Hoist

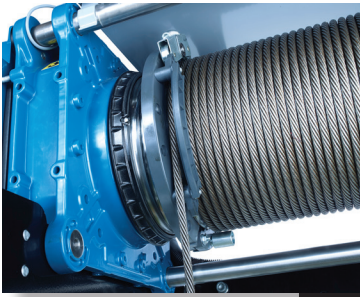
Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
Planetary	220EP	Up to 2010 Synthetic	47293144	1.0 L	Kluber	-15 to 60C
			47293044	2.5 L		
Planetary	CLP220EP	Mineral Oil	47290244	1.0 L	Esso Spartan	-10 to 45C
			47290044	2.5 L		
Microspeed	CLP220EP	Mineral Oil	47290244	1.0 L	Esso Spartan	-10 to 50C
			47290044	2.5 L		
Load Points	NBU12K	Grease K2N-15	47293344	0.120kg	Kluber	
	DG67B	Grease KP-F2K-30	01105844	60ml tube	Demag	optional
		01105744	1.000kg			
Roller bearing	NBU12K	Grease K2N-15	47293344	0.120kg	Kluber	50% fill airgap
Open gears	KE	2K-Renolit S2	46000044	400g	Demag	EKDH
Open gears	DG67B	Grease KP-F2K-30	01105844	60ml tube	Demag	EUDH
			01105744	1.000kg		



Demag P Hoist

Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
Main Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
			47290044	2.5L		
Microspeed	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
			47290044	2.5L		
Travel Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
			47290044	2.5L		
Load Points	DG67B	Grease KPF2K-30	01105844	60 ml tube	Demag	
			01105744	1 kg		
Travel Gears	KE	2K Renolit S2	46000044	400g	Demag	P & PL
Geared Wheel	DG67B	Grease KPF2K-30	01105844	60ml tube	Demag	

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Demag Wire Rope- All Model Wire Rope Hoists

Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
Wire Rope	K-30 DS SEIL	Full synthetic rope lube with graphite	66501144		Cedacron	-35 to 100C

Demag Travel Gearboxes

Model	Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
A	Travel Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
				47290044	2.5L		
AF	Travel Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
				47290044	2.5L		
AFM	Travel Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
				47290044	2.5L		
AFW	Travel Gearbox	CLP100EP	Mineral Oil	N/A		Esso Spartan	-10 to 50C
KS	Travel Gearbox	EP3	145c St/ 50C (19E/50)	N/A		Esso PEN-O-LED	+50C



Demag Chain Hoists

Model	Lubrication Point	Viscosity	Type	Demag P/N	Size	Brand	Std. Operating Range
All	Chain	GP00H	Grease	66500944	0.216kg	Demag	
DC 1/2	Hoist Gearbox	SAE 10W30	Use Oil Set	75260133	0.35 L	Shell Spirex	-20C to 40C
DC 5	Hoist Gearbox	SAE 10W30	Use Oil Set	75260233	0.50 L	Shell Spirex	-20C to 40C
DC 10/20	Hoist Gearbox	SAE 10W30	Use Oil Set	75260333	0.90 L	Shell Spirex	-20C to 40C
DC 15	Hoist Gearbox	SAE 10W30	Use Oil Set	75261233		Shell Spirex	-20C to 40C
DC 16/25	Hoist Gearbox	SAE 10W30	Use Oil Set	75261133	3.0 L	Shell Spirex	-20C to 40C
DK/ PK	Hoist Gearbox	CLP220EP	Mineral Oil	47290244	1.0L	Esso Spartan	-10 to 50C
				47290044	2.5L		

Are you a crane technician who works on Demag equipment? Demag service training classes teach you how to service Demag equipment past and present. Learn more today!

<http://www.demagcranes.us/training>

DEMAG CRANES & COMPONENTS CORP.

6675 Parkland Blvd., Ste. 200
Solon, Ohio 44139 USA

E demaginfo.us@demagcranes.com

T +1 440 248 2400

www.demagcranes.us

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