

MICROGLISS D

The MOEBIUS group MICROGLISS D includes five oils with the same basic characteristics but different viscosities. The basic raw materials for the MICROGLISS D oils are special mineral oils in combination with highly refined hoof oils. MOEBIUS MICROGLISS D oils contain specially

selected additives to extend the life span as well as a synthetic organic molybdenum combination to increase the resistance to high pressure. Thus, MICROGLISS D provides excellent reduction of friction-caused wear, extremely high pressure resistance and superior lubricating capacity.

Technical Data	D-1	D-2	D-3	D-4	D-5
viscosity at 0°C	87 cSt	260 cSt	900 cSt	1900 cSt	7300 cSt
viscosity at 20°C	32 cSt	73 cSt	193 cSt	370 cSt	1200 cSt
viscosity at 50°C	11,1 cSt	19,6 cSt	39,4 cSt	68,4 cSt	175 cSt
pour point	-35°C	-32°C	-30°C	-19°C	-18°C
surface tension at 25°C: dyn/cm	31,6	32,1	33,1	34,0	34,5
contact angle on ruby	2-3°	-	4-7°	-	17-19°
contact angle on steel	1-2°	-	2-4°	-	15-17°
density at 20°C	0,856	0,872	0,886	0,888	0,897
evaporation loss after 5 days at 100°C	6,7%	4,1%	1,03%	0,91%	0,83%
temperature range for usage	-33 to +60°C	-30 to +70°C	-22 to +80°C	-15 to +80°C	-3 to +80°C
Baader ageing test: change in viscosity after 12 days	+5%	+4%	+3%	+3%	+2%

MICROGLISS D-1 and D-2 are suitable for use in low temperature ranges. To increase adherence, precoating with antispreading agent (Fixodrop) is recommended.

MICROGLISS D-3 to D-5 are used in bearings where high pressure is likely to occur.



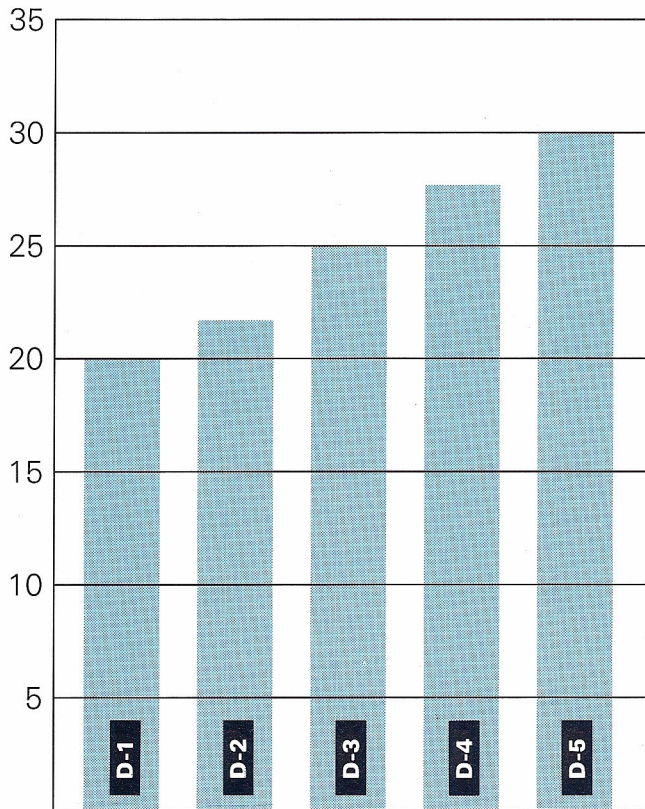
Range of application

The main fields of application for the MOEBIUS MICROGLISS D oils can be found in:

- board instruments for aircraft, ships and cars
- watches, clocks and time switches

- micromotors, steppmotors and gears
- meters and recording equipment for electricity and gas
- cameras and optical instruments
- miniball bearings.

Maximum load for various oils



First seizing in kp



MOEBIUS

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