

Pulsarlube GmbH Standard Grease Chart

* Grease specifications for the market of Europe

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Rev. #	08
Remark	WEB

Typical Properties		ASTM #	PL1	PL2	PL3	PL4	PL5	PL6	PL7	PL8
Main Application			Multipurpose	Heavy Duty	High Speed	Food Grade	High Temperature	Multipurpose with MoS2	Low Temperature	Biodegradable
NLGI Grade		D217	1.5	1	1.5	2	1	1	1	2
Worked Penetration @25°C			280	310-340	305-310	265-295	320	318	340	265-295
Dropping point, °C		D2265	230	240	190	316	260	296	301	165
Thickener Type			Lithium Complex	Aluminum Complex	Lithium	Calcium Sulfonate Complex	Polyurea	Lithium Complex	Lithium Complex	Lithium
Color, Visual			Yellow	Black	Yellowish Brown	White	Beige	Grey	Gold	Dark Yellow
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Mineral	Synthetic	Synthetic	Synthetic
Four Ball EP, Weld Load (kg)		D2596	500	600	400	400	250	400	250	400
Four Ball Wear, Scar Dia.(mm)		D2266	-	0.91	-	0.5	0.50	0.43	0.52	0.6
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	220	307.2	180	220	460	130	130	100
	@ 100°C		19.2	23.43	14.0	25.53	29	15.6	15.6	-
Operating Temperature Range, °C			-20~150	-15~170	-30~130	-40~200	-15~160	-40~170	-40~170	-30~130