

Pulsarlube GmbH Standard Grease Chart

* Grease specifications for the market of Europe

Date	July, 2022
Rev. #	11
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	Worked Penetration @25°C	D217	2	1	1.5	2	1	1	1	2
			265~295	310~340	305~310	265-295	310~340	318	340	-
Dropping point, °C		D2265	> 210	249	> 185	> 316	> 260	296	301	≥ 165
Thickener Type			Lithium Complex	Aluminum	Lithium	Calcium Sulfonate Complex	Polyurea	Lithium Complex	Lithium Complex	Lithium
Color, Visual			Yellow	Black	Yellowish Brown	White	Beige	Gray	Gold	Dark Yellow
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Mineral	Synthetic	Synthetic	Synthetic
Four Ball EP, Weld Load (kg, kgf)		D2596	> 400	500	> 400	400	> 200	400	250	400
Four Ball Wear, Scar Dia.(mm)		D2266	-	-	-	0.5	-	0.43	0.52	≤ 0.6
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	215~225	300~310	175~185	220	420~430	130	130	100
	@ 100°C		-	-	14.0	25.53	-	15.6	15.6	-
Operating Temperature Range, °C			-30~160	-15~160	-30~130	-40~200	-15~160	-40~170	-40~170	-30~130