

Pulsarlube USA, Inc. Standard Grease Chart

Date	Oct. 2020
Rev. #	09
Remark	WEB

* Grease specifications for the North and South American market

Typical Properties		ASTM #	PL1	PL2	PL3	PL4	PL5	PL6	PL7	PL10
Main Application			Multipurpose	Heavy Duty	High Speed	Food Grade	High Temperature	Multipurpose with MoS ₂	Low Temperature	Motor Bearing
NLGI Grade	D217		1.5	1	1.5	2	2	2	1	2
Worked Penetration @25°C			280	310-340	305-310	265-295	280	280	340	285
Dropping point, °C	D2265		230	316	190	316	265	280	301	260
Thickener Type			Lithium Complex	Calcium Sulfonate	Lithium	Calcium Sulfonate Complex	Lithium Complex	Lithium Complex	Lithium Complex	Polyurea
Color, Visual			Yellow	Gray	Yellowish Brown	Off-White	Red	Gray Black	Gold	Blue
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Synthetic	Mineral	Synthetic	Mineral
Four Ball EP, Weld Load (kg)	D2596		500	800	400	400	250	400	250	-
Four Ball Wear, Scar Dia.(mm)	D2266		-	0.6	-	0.5	0.5	0.5	0.52	0.41
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	220	150	180	100	220	220	130	115
	@ 100°C		19.2	14	14.0	13.8	-	16	15.6	12.2
Operating Temperature Range, °C			-20~150	-30~180	-30~130	-40~200	-40~150	-20~140	-40~170	-20~160
Operating Temperature Range, °F			-4~302	-20~350	-22~266	-40~400	-40~302	-4~284	-40~338	-4~320