

Pulsarlube KLT Standard Grease Chart

Date	Feb. 2023
Rev. #	13
Remark	WEB

* Grease specifications for the market of South Korea

Typical Properties		ASTM #	PL1	PL2	PL3	PL4	PL5	PL7	PL10
Main Application			Multipurpose	Heavy Duty	High Speed	Food Grade	High Temperature	Low Temperature	Motor Bearing
NLGI Grade		D217	2	1	1.5	2	1	1	2
Worked Penetration @25°C			265~295	310~340	305~310	265~295	310~340	340	285
Drropping point, °C		D2265	> 210	249	> 185	> 316	> 260	301	260
Thickener Type			Lithium Complex	Aluminum	Lithium	Calcium Sulfonate Complex	Polyurea	Lithium Complex	Polyurea
Color, Visual			Yellow	Black	Yellowish Brown	White	Beige	Gold	Blue
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Mineral	Synthetic	Mineral
Four Ball EP, Weld Load (kg, kgf)		D2596	> 400	500	> 400	400	> 200	250	-
Four Ball Wear, Scar Dia.(mm)		D2266	-	-	-	0.5	-	0.52	0.41
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	215~225	300~310	175~185	220	420~430	130	115
	@ 100°C		-	-	14.0	25.53	-	15.6	12.2
Operating Temperature Range, °C			-30~160	-15~160	-30~130	-40~200	-15~160	-40~170	-20~160
Operating Temperature Range, °F			-22~320	5~320	-22~266	-40~392	5~320	-40~338	-4~320