

Pulsarlube Asia-Pacific Standard Grease Chart

Date	July, 2022
Rev. #	11
Remark	WEB

* Grease specifications for the market of Asia(China), Oceania and Southern Africa

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	Worked Penetration @25°C	D217	2	1	1.5	2	1	2	1	2
			265~295	310~340	305~310	265~295	310~340	280	340	285
Dropping point, °C		D2265	> 210	249	> 185	> 316	> 260	280	301	260
Thickener Type			Lithium Complex	Aluminum	Lithium	Calcium Sulfonate Complex	Polyurea	Lithium Complex	Lithium Complex	Polyurea
Color, Visual			Yellow	Black	Yellowish Brown	White	Beige	Gray-Black	Gold	Blue
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Mineral	Mineral	Synthetic	Mineral
Four Ball EP, Weld Load (kg, kgf)		D2596	> 400	500	> 400	400	> 200	400	250	-
Four Ball Wear, Scar Dia.(mm)		D2266	-	-	-	0.5	-	0.5	0.52	0.41
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	215~225	300~310	175~185	220	420~430	220	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	-20~140	-40~170	-20~160
Operating Temperature Range, °F			-22~320	5~320	-22~266	-40~392	5~320	-4~284	-40~338	-4~320