

Pulsarlube Asia-Pacific Standard Grease Chart

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Rev. #	06
Remark	WEBSITE

* 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 MoS2	Low Temperature	Motor Bearing
NLGI Grade	Worked Penetration @25°C	D217	1.5	1	1.5	2	1	2	1	2
			280	310-340	305-310	265-295	320	280	340	265-295
Dropping point, °C		D2265	230	240	190	316	260	280	301	220
Thickener Type			Lithium Complex	Aluminum Complex	Lithium Complex	Calcium Sulfonate Complex	Polyurea	Lithium Complex	Lithium Complex	Lithium
Color, Visual			Yellow	Black	Yellowish Brown	White	Beige	Gray Black	Gold	Beige
Base Oil Type			Mineral	Mineral	Mineral	Synthetic	Mineral	Mineral	Synthetic	Mineral+Synthetic
Four Ball EP, Weld Load (kg)		D2596	500	600	400	400	250	315	250	126
Four Ball Wear, Scar Dia.(mm)		D2266	-	0.91	-	0.5	0.50	0.5	0.52	0.65
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	220	220	175	220	460	220	130	120
	@ 100°C		19.2	23.43	16.0	147	29	16	15.6	
Operating Temperature Range, °C			-20~150	-15~170	-30~130	-40~200	-15~160	-20~140	-40~170	-25~150
Operating Temperature Range, °F			-4~302	5~338	-22~266	-40~392	5~320	-4~284	-40~338	-13~302