



Product Information

www.miller-stephenson.com

TriboSys™ 222X Series High Temperature Greases

These greases are formulated to provide continuing lubrication long after conventional lubricants have failed. They are problem solvers for bearings exposed to very high temperatures and various forms of contamination.

2220G

This grease has a non-drip feature that makes it desirable for high speeds and temperatures. It is made from a combination of an ashless, inorganic thickener and a blend of synthetic base fluids which were originally developed for jet aircraft use.

ADVANTAGES: High Speed, Non-Carbonizing, Cleans as it Lubricates.

2221G

This grease has a combination of medium viscosity synthetic base oils, anti-wear additives and high temperatures solids. It is formulated to handle the mid-to-high ranges of speed and temperature. Exceptional resistance to heat and moisture and ideal for applications where drippage cannot be tolerated.

ADVANTAGES: Controlled Volatility, Extends Lube Cycles, Medium to High Speeds, Plain, Journal and Anti-Friction Bearings, Lubricating Solids

2222G

This grease contains high viscosity synthetic base fluids with an ashless inorganic thickener which is designated for high temperature-sealed-for-life bearings. It has exceptional in oven and tender frame bearing usage where temperatures constantly exceed 350°F/177°C.

ADVANTAGES: Red Color for Easy Identification, Slow to Medium Speeds, Extended Lube Cycles, Extends Both Bearing and Shaft Life, Low Base Oil Volatility

Typical Properties

Product	2220G	2221G	2222G
NLGI	2	2	2
Work Penetration @ 77°F/25°C	270-290	270-290	270-290
Viscosity			
cSt @ 40°C	70	162	604
cSt @ 100°C	10.6	18.7	48
SUS @ 100°F	325	750	2800
SUS @ 210°F	61	93	216
Color	Amber	Black	Red
Solids	-	Graphite	-
Thickener	Inorganic	Inorganic	Inorganic
Drop Point °F/°C	None	None	None
Timken Load Wear Test OK Load, kg/lbs	32/70	32/70	23/50
Operating Range			
°F	-25/600	-30/525	-20/500
°C	-32/315	-34/274	-29/260

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