



Mizar 400 Series

Dyna-Plex 21C® Mizar 400 Series lubricants have been specifically designed for industrial and construction applications where load and atmospheric operating conditions create extreme pressure and high temperatures. A polar agent has been added to increase the adhesive and cohesive qualities, so even in severe conditions, Mizar adheres to metal and resists separation.

Dyna-Plex 21C Mizar 400 Series lubricants provide high oxidation stability, anti-foam properties and effective rust and corrosion resistance. These characteristics ensure proper lubrication and extend machinery life.

Dyna-Plex 21C Mizar 400 Series lubricants are suited for a wide variety of industrial and mobile equipment applications, including enclosed gear systems, chain drives, sprockets, plain and anti-friction bearings and slide guides. They are also suited to the lubrication of a variety of gears, including spur, bevel, herring bone and worm design. They can handle the lubrication of industrial hypoid gears where speed, temperature and load are not too high.

PROPERTY	ASTM TEST	402	403	404	445	405	406	407	408
	METHOD								
Viscosity @ 40°C, cSt	D-445	68.0	100.2	151.0	199.5	221.0	320.5	460.0	646.0
Viscosity @ 100°C, cSt	D-445	8.53	11.08	15.20	18.80	19.60	24.00	30.35	38.70
Viscosity Index	D-2270	95	95	95	96	95	95	95	100
Flash Point, COC, °C	D-92	216	224	229	229	235	260	260	271
Flash Point, COC, °F	D-92	420	435	445	445	455	500	500	520
Pour Point, °C	D-97	-29	-20	-21	-15	-12	-12	-9	-18
Pour Point, °F	D-97	-20	-5	-6	5	5	10	15	0
Color	D-1500	3.0	3.5	4.0	4.0	4.0	4.0	6.0	6.0
Gravity, °API	D-287	29.5	28.0	28.0	27.5	27.0	27.2	26.8	26.5
Texture		Stringy	Stringy	Stringy	Stringy	Stringy	Stringy	Stringy	Stringy
Steam Emulsion Test		100-600	100-600	100-600	100-600	100-600	100-600	100-600	100-600
Pin-Type Weeks Test, psi, min.		390,000	390,000	390,000	390,000	390,000	390,000	390,000	390,000
Stick Slip Test		0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
Timken OK Load, lbs.	D-2509	60	60	60	60	60	60	60	100
Copper Strip	D-130	1a	1a	1a	1a	1a	1a	1a	1a
FZG Gear Test-Stages Passed		12	12	12	12	12	12	12	12
4-Ball Wear-Scar dia, mm	D-2266	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

Meets or exceeds the following tests and requirements:

- AGMA – 250.04, 9005-D94
- DIN 51517-3