



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.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>402</u>	<u>403</u>	<u>445</u>	<u>407</u>
Viscosity @ 40°C, cSt	D-445	68.0	100.2	199.5	460.0
Viscosity @ 100°C, cSt	D-445	8.53	11.08	18.80	30.35
Viscosity Index	D-2270	95	95	96	95
Flash Point, COC, °C	D-92	216	224	229	260
Flash Point, COC, °F	D-92	420	435	445	500
Pour Point, °C	D-97	-29	-20	-15	-9
Pour Point, °F	D-97	-20	-5	5	15
Color	D-1500	3.0	3.5	4.0	6.0
Gravity, °API	D-287	29.5	28.0	27.5	26.8
Texture		Stringy	Stringy	Stringy	Stringy
Steam Emulsion Test		100-600	100-600	100-600	100-600
Pin-Type Weeks Test, psi, min.		390,000	390,000	390,000	390,000
Stick Slip Test		0.770	0.770	0.770	0.770
Timken OK Load, lbs.	D-2509	60	60	60	60
Copper Strip	D-130	1a	1a	1a	1a
FZG Gear Test-Stages Passed		12	12	12	12
4-Ball Wear-Scar dia, mm	D-2266	0.30	0.30	0.30	0.30

Meets or exceeds the following tests and requirements:

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