MOTULTECH SUPRAGEAR MPL

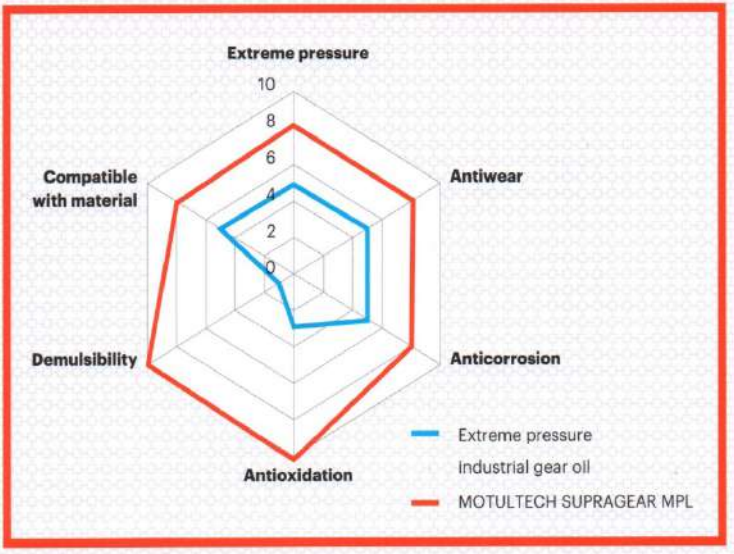
EVERY MACHINE HAS BEEN CONSTITUTED FROM MECHANICAL PARTS, THEREFORE THE RIGHT CHOICE OF LUBRICANT FOR THEM IS VERY IMPORTANT TO ENSURE THE MACHINE IS FULLY PROTECTED, OPERATING PRECISELY AND EFFECTIVELY.

MOTULTECH SUPRAGEAR MPL has been developed from highly refined base oils and innovative additive systems help equipment operator select the right lubricant to ensure the optimum operation through:

- **EQUIPMENT PROTECTION**
- **LONGER OIL LIFE**
- **OPTIMUM PERFORMANCE**

PRODUCT	EQUIPMENT PROTECTION	LONGER OIL LIFE	OPTIMUM PERFORMANCE
SUPRAGEAR GL	★★★★★	★★★★★	★★★★★
GEAR SY	★★★	★★★★	★★★
SUPRAGEAR MPL	★★	★★	★★

MOTULTECH SUPRAGEAR MPL provides equipment protection and optimum performance for general industrial and factory gear system, as well as other equipment. The product is designed from highly refined base oil and innovative additive system to help resistance oxidation and deposit formation, and maintain system and equipment cleanliness. This product meets the most important standards of global leading equipment manufacturers.



MOTULTECH SUPRAGEAR MPL

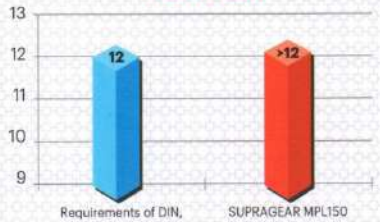
EQUIPMENT PROTECTION

Protecting gear teeth from wear, micro pitting and corrosion is very important to help increase system life and minimize breakdown during operation. MOTULTECH helps to optimum protect equipment through:

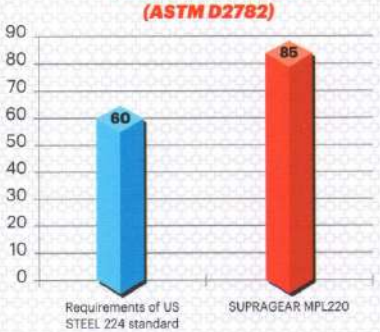
FZG load test: Failed stage is higher than industrial standard.

TIMKEN OK load: Tested load is 25lbs higher than industrial standard.

FZG, (failed stage)
(ISO 14635)



TIMKEN LOAD, (lbs)
(ASTM D2782)



APPLICATION

- Use for industrial gear lubrication even under high loads and severe shocks.
- Industrial enclosed gear cases and marine reduction gears.

LONGER OIL LIFE

MOTULTECH SUPRAGEAR MPL is formulated with specific base oils and additive systems, provides more than 20 times oxidation resistance compared to industrial standard (DIN, AGMA). The oil life has been tested and evaluated in a certified laboratory following ASTM D2893B methods.

Viscosity change, (%)
(ASTM D2893B)

OPTIMUM PERFORMANCE

MOTULTECH SUPRAGEAR MPL helps to maintain and enhance system performance of gear systems through:

Excellent water separability, and maintain the oil film to ensure efficient and constant lubrication: Water content in oil after separation is only 10% of the industrial standard (AGMA, US STEEL 224, DAVID BROWN S1.53.101).

Very good compatible with sealed material prevents the oil leakage and minimize oil consumption

Water content in oil, (% volume)
(ASTM D2711B)