

## Cross Reference Guide

Product Code	Industrial Application	Food Processing		**Wash Down Applications	Upper Temp. Limit	Lower Temp. Limit	Available as Solid Profiles	*E. P. Additive	Oil Viscosity at 40° C cSt	Oil Viscosity at 100° C cSt
		H1	H2							
MPI-0800	X			X	200°F	-10°F	X		139.7	14.2
MPI-0779	X			X	225°F	-49°F	X	X	150	19.1
MPI-2000	X				350°F	-10°F		X	305	27.95
MPI-2400	X			X	350°F	-15°F		X	550	48.2
MPI-2500	X			X	210°F	-32°F	X	X	482.5	43
MPI-4500	X			X	210°F	-10°F	X	X	1000	79.5
MPI-S700	X			X	250°F	-32°F		X	149	19
MPF-0696	X	X	X	X	210°F	-49°F	X	X	150	19.1
MPF-1150	X	X	X	X	210°F	-38°F	X	X	232.3	25.6

MPI – Industrial Products

MPF – Food Grade Products

\* E. P. = Extreme Pressure

The 4-digit suffix approximates the viscosity of the oil in SUS at 100°F

\*\* MicroPoly will not be washed out by standard water cleaning methods, but MicroPoly will not prevent the corrosion of the bearing. The corrosion inhibitors in MicroPoly will inhibit, but not prevent, corrosion.

### MPI-0800

This is our standard and most requested MicroPoly® formula. This product contains corrosion inhibitors and anti-oxidants. If no formula is specified, bearings will be filled with MPI-0800.

### MPI-0779

MPI-0779 contains corrosion inhibitors, anti-oxidants, and E. P. additives. It is the best product for low temperature applications.

### MPI-2000

MPI-2000 is a high temperature product. It is recommended for applications up to 350°F. It contains corrosion inhibitors, anti-oxidants, and E. P. additives.

### MPI-2400

MPI-2400 can handle temperatures up to 350°F. It has better wash down capabilities than MPI-2000. It contains corrosion inhibitors, anti-oxidants, and E. P. additives.

### MPI-2500

MPI-2500 contains corrosion inhibitors, anti-oxidants and E. P. additives. It is formulated with a high viscosity oil especially designed for heavily loaded bearings operating at lower speeds.

### MPI-4500

MPI-4500 contains E. P. additives, anti-oxidants and corrosion inhibitors. It is formulated with our highest viscosity synthetic oil, especially designed for heavier loaded bearings at low speeds.

### MPI-S700

MPI-S700 is a high-speed product that contains corrosion inhibitors, anti-oxidants, and E. P. additives. MPI-S700 is designed for higher rotation speeds. Ndm values are approximately 50% greater than our standard MicroPoly grades (see page 8 in catalog). Call for assistance to determine upper limits for your application.

### MPF-0696

MPF-0696 is NSF registered for both H1 & H2 applications. The H1 designation indicates that the product may be used in applications where there may be incidental contact with food. The H2 designation indicates that the product may be used in food processing applications where there is no direct contact with food. This product contains corrosion inhibitors, anti-oxidants, and E. P. additives.

### MPF-1150

MPF-1150 is a new food grade MicroPoly and is similar to MPF-0696, but the oil has a higher viscosity. It is NSF registered for H1 and H2 applications. This product contains corrosion inhibitors, anti-oxidants and E. P. additives.

Specialty formulas may be available upon request