

## FLUID & TEMPERATURE RECOMMENDATIONS

GENERAL SPECIFICATION
ALL PRODUCT LINES

## **FLUID TYPE**

PRODUCT IS DESIGNED AND PERFORMANCE TESTED FOR USE WITH LIGHT PETROLEUM BASED HYDRAULIC OIL WITH A TYPICAL VISCOSITY RANGE OF 45 – 2000 SUS (6 – 420 cSt).

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USE WITH ANY NON-PETROLEUM OR SYNTHETIC FLUIDS MUST BE APPROVED BY ENGINEERING.

## FLUID CLEANLINESS RECOMMENDATIONS

PRODUCTS CONTAIN PRECISION MANUFACTURED COMPONENTS AND ARE RECOMMENDED FOR USE WITH SYSTEM FILTRATION CAPABLE OF PRODUCING FLUID CLEANLINESS LEVELS OF AT LEAST **19/17/14** IN ACCORDANCE WITH ISO 4406:1999.

## TEMPERATURE RECOMMENDATIONS

TEMPERATURE RANGES SHOWN RELATE TO THE SEAL MATERIAL. TEMPERATURE EFFECTS ON FLUID PROPERTIES SHOULD ALSO BE TAKEN INTO ACCOUNT.

SEAL MATERIAL	ACCEPTABLE RANGE
BUNA (NBR)	-40 °F − 250 °F (-40 °C − 120 °C)
VITON® (FKM)	-20 °F − 300 °F (-30 °C − 150 °C)
URETHANE (EU)	-40 °F − 225 °F (-40 °C − 105 °C)

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