

PRODUCT BULLETIN

PB NO. 110

Rev. 2

SUBJECT: Universal Main and Rod Bearings for Superior In-Line Engines/Compressors.

PROBLEM: Improper installation of OEM upper and lower bearings in in-line engines/compressors by field/shop mechanics.

- I. **BACKGROUND:** The OEM offers a separate upper (023-942/023-942-001) and lower (023-943/023-943-001) main bearing. It was brought to our attention why there could not be one bearing to fit both applications so we at **EnDyn** using customer feedback developed a bearing (P-023-942-X) that conceptually was used back in the earlier 60's by the White Superior Division of White Motor Corporation, the founding fathers/designers of the Superior engine and compressor.

In addition, EnDyn developed the rod bearing using the same criteria as the main bearings. EnDyn offers the P-021-234-X bearing as a direct replacement for the OEM 012-935/021-234 bearings.

- II. **TESTING:** The new universal bearings (P-021-234-X/P-023-942-X) are designed identical to 012-935/021-234 OEM bearings and were tested both in the laboratory and the field for use in the industry. The findings were that these bearings lasted as long as or longer than the OEM bearings during field testing and withstood identical load requirements. As of revision 2 of this bulletin EnDyn dual purpose bearings have been running for over 25 years and are warranted for 2 years vs. OEM warranty of 1 year.

- III. **SOLUTION:** Based on the information provided during the field testing, laboratory tests, and actual customer feed back **EnDyn** offers the universal bearing to all of its customers.

IV. **ADVANTAGES:**

1. User friendly (upper & lower bearings can not be interchanged resulting in crankshaft or compressor connecting rod failures).
2. Reduction in customer inventory.
3. Easy customer identification.

For further information, price and availability, please contact **EnDyn's** Sales Department or your local **PowerParts**[®] Distributor.

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