

# **ADORE Update Version 9.11**

**Release Date: May 23, 2023**

This release is a temporary fix to a recently identified errors in Adore version 9.10 in subroutines Adra2 and Adrd7.

## **Subroutine Adra2**

When generalizing the life modeling subroutine Adrf1 to make both point and line contacts simultaneously available on the memory stack, the bounds of fatigue constants arrays were not set correctly when the races in an angular contact ball bearing are split. As a result, some of the fatigue constants were overwritten, which resulted in incorrect life computation for the balls. The array bounds are corrected in this update. Note that this correction only affects angular contact ball bearings with split races.

## **Subroutine Adrd7**

When using the Yasumoti type viscosity-pressure-temperature relation, there is a minor scaling error in the operating pressure term, when using English units in version 9.10. This error has been corrected as a part of this update. Note that this correction only applies when using English units.

## **Contact Information**

In the event of any questions and/or technical support please contact:

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