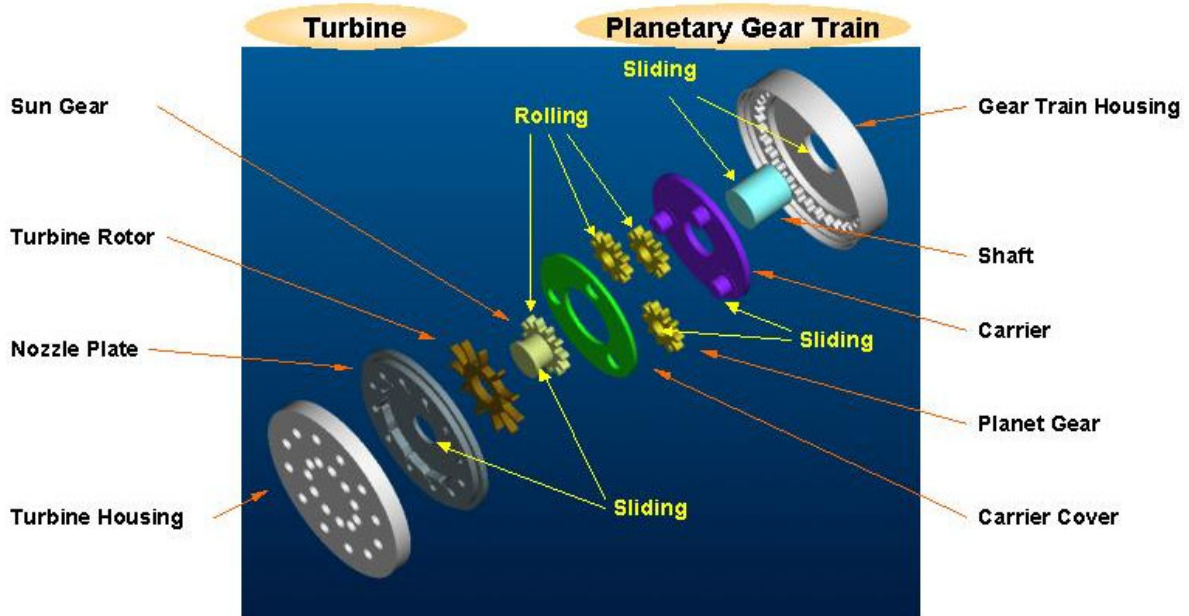


## Example No. 2: Using wear modeling to predict service life

The service life of many types of operating components and equipment is determined primarily by wear due to shearing loads due to rolling, sliding, friction caused by viscous fluids, etc. The exploded figure below shows several parts subject to wear.



A major advantage of SIO's wear model (see example below) is that it provides reliable service life predictions based on only a few material parameters and measurements.

