



**Significantly reduced operating costs, increased the reliability of equipment for the company's customers**



**ADA  
 Worldwide Operations**

ADA is a world leader in applying air, mist, foam, aerated fluid and other underbalanced techniques for petroleum and geothermal drilling projects. Their equipment is working in some of the most environmentally diverse, and remote areas of the world such as in the freezing Canadian winters, the scorching deserts of Iraq, the humid jungle highlands of Papua New Guinea, and the steam fields of New Zealand, Iceland, the Philippines and Indonesia.

**The story**

Prior to using Schaeffer's products, ADA used Mobil synthetic gear oils, and manufacturer-branded oils in their units. Due to the adverse conditions the units were operating in, failures were common occurrences in gear reduction boxes and bearings on fan hubs.

The RJ Link and Cotta gearboxes were failing every 2500 hours on average, costing ADA \$12,000 each to replace. The gear oil they were using would quickly discolor, run hot, and not provide the protection needed to prevent failures.

ADA has over 80 units across the world using these styles of gearboxes, and has now logged over 7000+ hours on units without a failure since switching to Schaeffer's. This is giving them a competitive edge in the industry and a significant increase in their operating bottom line.

ADA also saw a significant reduction in failures to bearings using Schaeffer's grease on the fan hubs of various units they operate. About every three months a unit was going down due to a bearing failure, which was costing them \$600 to replace – along with significant downtime on customer sites.

The cost of the parts wasn't the only concern. Pieces from the OE plastic fans would scatter due to the failed bearings putting personnel in danger of the flying pieces. Since switching to Schaeffer's grease they have not had a bearing failure in the 3+ years it has been utilized.

ADA trusts using Schaeffer's engine oils, gear oils, grease, and hydraulic oil in their operations.