### EO2 Before Assembly



#### EO2 Assembled



# CAST B4 Assembly



#### CAST B4 Assembled



### B4 vs. EO2

Features and Benefits

- \* Six sealing points (see catalogue and tech. handbook)
- \* Double edge cutting ring (more safety)
- \* Elastomeric seals only additional; main sealing point metal to metal (no problems related to elastomer in contact with the oil; it has to work only in case the first metal to metal seal fails)

- \* Single edge cutting ring (less safety)
- \* Several components to obtain a standard result (more complexity, less vibration damping)
- \* Elastomeric seal just vulcanized on a metal part (short lifetime)
- \* No metal to metal sealing points; only one sealing point provided by rubber (more leakage probability; less safety

### B4 vs. EO2

Features and Benefits

- Possibility to check the correct preassemble as per DIN 3859-III (more Safety)
- \* Elastomeric seal absorbing (damping) vibrations (longer lifetime of the junction)
- Standard assembly as per DIN 3859-III (well known assembly instructions)

- \* No chance to check the biting of the ring into the tube; it is requested to fully trust manufacturers instructions (less safety)
- \* Elastomeric seal directly in contact with the oil (short rubber lifetime; leakage as soon as the rubber loses its properties; no sealing points in case of high temperature; no sealing points in case of accidents like fire; less safety; possibility to

damage the system because of impurities coming from the deteriorating rubber and entering the system; possible cavitation of the rubber or some of its parts)

## B4 vs. EO2

Features and Benefits

- \* Perfect interchangeability with all types of rings used on fittings with 24 degree cone complying with the ISO 8434-1/DIN 2353 standards. (easy to use)
- Elastomeric seal preventing the nut from unscrewing (more safety)
- \* Possibility to assemble and disassemble several times. (longer lifetime)

- \* Block tightening assembly (problems related to cross tolerances and possible not incision of the single cutting edge)
- \* No anti-unscrewing function (less safety)
- \* Not perfect product interchangeability (particular product)
- \* Assembly non according to DIN 3859-III (specific non-standard instructions)
- \* Very high prices (30%-40% higher than B4)