Technical advice – Gear

Contact data

|  |  |
| --- | --- |
| Company |  |
| Contact person / Position |  |
| Address |  |
| Contact (Phone / E-mail) |  |

Application-/ Problem description

|  |  |
| --- | --- |
| Application / Problem (description as precise as possible) |  |
| Gear type (e.g. worm, spur, bevel gear, open, small gear etc.)  |  |
| Producer |  |
| Designation |  |
| Design type  | [ ]  open | [ ]  half open | [ ]  closed  |
| Installation positon  | [ ]  Horizontal | [ ]  Vertical  |
| Surface treatment / material | Housing  |  | Gear / bevel pinion etc. |  |
| Contact material / compatibility(e.g. seals, painting ) |  |

Operating conditions

|  |  |  |  |
| --- | --- | --- | --- |
| Temperature1. measured
2. estimated
 | Environment [ ] 1 [ ] 2 |  | *°C* |
| Housing [ ] 1 [ ] 2 |  | *°C* |
| Oil stump [ ] 1 [ ] 2 |  | *°C* |
| Environment (e.g. acid, alkali, cleaner, dust, etc.) |  |
| Other requirements (e.g. H1 registration, reduce noise, low starting torque, costumer specification, lubricant approval etc.) |  |
| Other special features(e.g. operation 24h / 7d, constant start / stop) |  |
| Loading of the individual tooth flanks (e.g. based on translation) | [ ]  low | [x]  medium  | [ ]  high |
| [ ]  extreme  | [ ]  shock load  |

Lubrication system

|  |  |
| --- | --- |
| Previously used lubricant (name and manufacturer) |  |
| Application of the lubricant (e.g. dipping bath, injection lubrication, lifetime lubrication) |  |
| Details of the automatic lubrication system (if available) |  |
| Relubrication interval |  | Lubrication volume |  |
| Lubrication changing interval |  | Filling quantity |  |
| Does the previous lubricant work? | [ ]  Yes |  |
| [ ]  No, reason/ desire for  improvement |  |

Other

|  |
| --- |
|  |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Place and date