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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Temperature   1. 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 | 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

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Place and date