



Bearing Life Extension Tables

| Current ISO Code | Target ISO Code | Target ISO Code | Target ISO Code | Target ISO Code |
|------------------|--------------------|--------------------|--------------------|--------------------|
| | 2 x Life Extension | 3 x Life Extension | 4 x Life Extension | 5 x Life Extension |
| 28/26/23 | 25/22/19 | 22/20/17 | 20/18/15 | 19/17/14 |
| 27/25/22 | 23/21/18 | 21/19/16 | 19/17/14 | 18/16/13 |
| 26/24/21 | 22/20/17 | 20/18/15 | 19/17/14 | 17/15/12 |
| 25/23/20 | 21/19/16 | 19/17/14 | 17/15/12 | 16/14/11 |
| 25/22/19 | 20/18/15 | 18/16/13 | 16/14/11 | 15/13/10 |
| 23/21/18 | 19/17/14 | 17/15/12 | 15/13/10 | 14/12/9 |
| 22/20/17 | 18/16/13 | 16/14/11 | 15/13/10 * | 14/12/9 |
| 21/19/16 | 17/15/12 | 15/13/10 | 14/12/9 | 14/12/9 |
| 20/18/15 | 16/14/11 | 14/12/9 | 13/11/8 | 13/11/8 |
| 19/17/14 | 15/13/10 | 13/11/8 | 13/11/8 | 12/10/7 |
| 18/16/13 | 14/12/9 | 13/11/8 | 12/10/7 | |
| 17/15/12 | 13/11/8 | 12/10/7 | | |

Table 1: Bearing Life Extension Based on Contaminate Removal. Source: Noria 2000-2001

* BEARING LIFE IS EXTENDED 4 TIMES BECAUSE THE CONTAMINATE LEVEL WAS REDUCED FROM 22/20/17 TO 15/13/10 & MAINTAINED AT THAT LEVEL.

| Present Fluid Moisture (ppm) | New Fluid Moisture Levels (ppm) | | | | | | | |
|------------------------------|---------------------------------|-------|-------|-------|------|------|--------------|------|
| | 10,000 | 5,000 | 2,500 | 1,000 | 500 | 250 | 100 | 50 |
| 50,000 | 2.3 | 3.3 | 4.8 | 7.8 | 11.2 | 16.2 | 26.2 | 37.8 |
| 25,000 | 1.6 | 2.3 | 3.3 | 5.4 | 7.8 | 11.2 | 18.2 | 26.2 |
| 10,000 | | 1.4 | 2.0 | 3.3 | 4.8 | 6.9 | 11.2 | 16.2 |
| 5,000 | | | 1.4 | 2.3 | 3.3 | 4.8 | 7.8 * | 11.2 |
| 2,500 | | | | 1.6 | 2.3 | 3.3 | 5.4 | 7.8 |
| 1,000 | | | | | 1.4 | 2.0 | 3.3 | 4.8 |
| 500 | | | | | | 1.4 | 2.3 | 3.3 |
| 250 | | | | | | | 1.5 | 2.3 |
| 100 | | | | | | | | 1.4 |

Table 2: Bearing Life Extension Based on Water Removal. Source: Noria 2000-2001

* BEARING LIFE IS EXTENDED 7.8 TIMES BECAUSE THE MOISTURE LEVEL WAS REDUCED FROM 5,000 PPM TO 100 PPM & MAINTAINED AT THAT LEVEL.