

## Regina ENDURO chains are designed to operate in “lube-free” applications.

Designed to work without periodic maintenance, Regina ENDURO chains are ideal for applications where regular lubrication is difficult or not allowed, and where product contamination has to be avoided.

Regina ENDURO chains fit standard sprockets of ISO roller chains and are available in both European (BS) and American (ANSI) standard, with pitches from 1/2” to 1”, in simplex and duplex versions.

## WEAR RESISTANCE

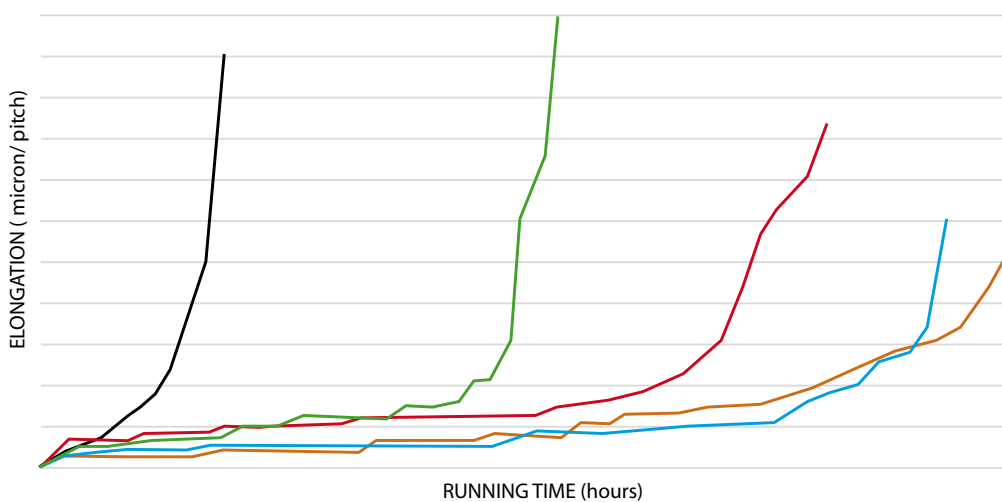
ENDURO chains outlast standard chains without periodic lubrication.

The unique technology and “heavy wall” design of the sintered bushing ensures excellent wear resistance.

### COMPARATIVE WEAR TEST - 16B-1 CHAINS WITH SINTERED BUSHINGS

Regina Catene Calibrate S.p.A. - Laboratory

13/07/2011



- 16B-1 Regina STANDARD chain with factory pre-lubrication (no relubrication)
- 16B-1 Maintenance free chain - Competitor B
- 16B-1 Maintenance free chain - Competitor A
- 16B-1 Maintenance free chain - Competitor C
- 16B-1 Maintenance free chain - Regina Enduro series - code 147BS



#### TEST CONDITIONS

- Rpm: 234
- Sprockets: z1=15 z2=15
- Chain pull: 3'432 N (350kg)
- Chain speed: 1,50 m/s
- Specific pressure pin/bushing: 17 N/mm<sup>2</sup>
- No lubrication during the test**

## BENEFITS

- Dramatic wear life increase compared to standard chains in un-lubricated conditions
- Eliminate need for periodic lubrication
- No product or equipment contamination
- Resistance to corrosion in mildly aggressive environment
- Savings in lubrication and maintenance costs

## APPLICATION LIMITS

- Maximum SPEED: 2 m/sec
- Maximum specific pressure: 20 N/mm<sup>2</sup>
- Temperature operating range: -30°C ÷ +150°C
- Mild corrosive environment
- Absence of abrasive contamination



Any questions? Please contact us.

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