

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN — February 2015

391. Pinion and slewing ring inspection

A UK registered inspection body has kindly shared a sample of some of their photographs from failed pinions and slew-rings which were discovered during their annual inspections. The inspection body has informed NAFLIC that these components were from a wide range of rides and not just the high speed, high force devices. Their findings re-enforce the need to always inspect these types of components in an annual inspection. Drive pinions may not primarily be considered to be safety critical components. However under certain circumstances, for example if a tooth was to break off and become jammed between the pinion and slewing ring, it could lead to rapid deceleration.



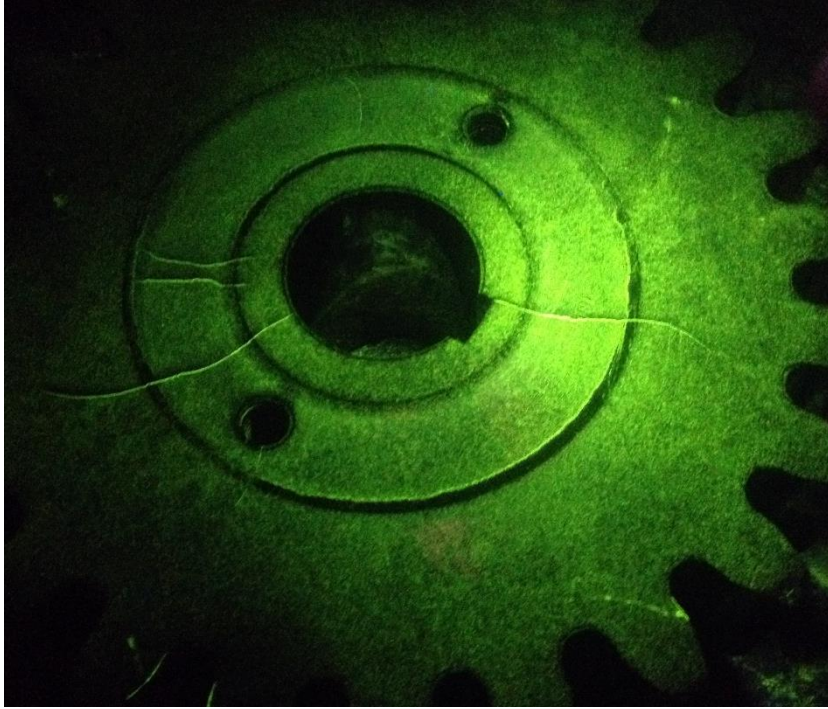
Committee Members: Mr. D Dadswell (Chairman), Mr. A Mellor (Secretary), Mr. P Smith, Mr. J Green, Mr. P Mitchell,
Mr. D Cox, Mr. M Thirkettle, Mr. W Gilbert, Mr. H Fisher, Mr. J Shilling & Mr. D Inman



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