



The difference between grease & oil

by Mike Mortensen - Director of Engineering

RBI-USA Grease and oil are both common lubricants used in bearings. The main difference between grease and oil is that grease consists of an oil and a thickener. The thickener acts like a sponge that retains the oil. Grease can also contain various additives such as rust inhibitors, EP (extreme pressure) additives, oxidation preventatives, etc. Typically greases will have a semi-solid to solid consistency. This consistency allows grease to stay in place longer than oil. For many applications, the ability to stay in place and slowly release oil gives grease an advantage over oil alone.

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