

Abstract

The present application discloses a vacuum pump lubricating oil monitoring method, applied to a controller in a monitoring system for monitoring lubricating oil in a vacuum pump. The monitoring system includes an oil quality sensor, an ultrasonic level sensor, a display device and a controller. The monitoring method includes: receiving a first signal sent by the oil quality sensor, and sending a first display driving signal to the display device according to the lubricating oil dielectric constant information carried in the first signal, and driving the display device to display a corresponding lubricating oil dielectric constant; and receiving a second signal sent by the ultrasonic level sensor, and sending a second display driving signal to the display device according to the lubricating oil level height information carried in the second signal, and driving the display device to display a corresponding lubricating oil level height. The vacuum pump lubricating oil monitoring method can monitor the lubricating oil state in the vacuum pump in real time and accurately, and display it intuitively, thereby improving the accuracy of judging the operating state of the vacuum pump.

[Figure 1]