1. What is GMDfit™?

GMDfit™ - ABB’s condition monitoring solution - is a service product that is based on the remote diagnostic service GMDbeat™ SupportLine and Troubleshooting. GMDfit™ takes a look into the past by analyzing the collected data, considering the present, by assessing the current condition of the equipment, and assesses the future, by applying state-of-the-art predictive methods. While GMDbeat™ is focused on the reactive maintenance, the advanced package of GMDfit™ focuses on the preventive and predictive maintenance.

2. What can GMDfit™ do for me?

- GMDfit™ provides an easy access to GMD system parameters and visualization of real time data for plant managers and staff from anywhere anytime.
- It provides monitoring of critical asset conditions which are automatically compared to pre-defined thresholds. If your system reaches a critical status an alarm will be sent to you and to our team. An ABB expert will connect to the system and check the condition. We will contact you right after to recommend you actions to normalize the operation and to prevent possible downtime of your GMD.
- Additionally a periodical health check of the systems condition is performed by a system expert connected via remote access platform. After each health check a detailed report with recommendations on preventive maintenance actions and an overall assessment of the system is delivered.

3. If GMDfit™ detects a problem, what would happen afterwards?

If a system parameter reaches or is projected to reach a critical status in the next 60 days, a warning or alarm messages will be sent to you and the respective ABB responsible. From ABB-side the message will be handled similar to a SupportLine call and the mitigation process starts immediately.

4. Do I need additional equipment installed on site in order to run GMDfit™?

Yes. An ABB gearless mill drive system with an ABB DriveMonitor™. A DriveMonitor™ is an industrial PC installed in the GMD e-house cabinet.

5. Which quality of internet connection is necessary on site?

The quality of the connection should meet the following minimum requirements:

- **Speed**: > 500 kbps (kilobits per second)
- **Availability**: The connection must be reliable and available 24 hours a day
- **Network cap**: The connection must be unlimited (i.e. there must be no capacity limit)