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## Quantum Disk Drives: Lubricant Effects on Head Seeks

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TOPIC -----

I know that the new Quantum ROMs do occasional seeks to overcome the lubricant problem on their hard disks. I thought that these seeks would take only a few seconds, but we're getting reports that the seeks go on for five minutes, usually just after a save. Is this correct?

DISCUSSION -----

It's possible for this to happen, especially if the save resulted in a number of writes in a very small area. This would result in puddles of lubricant forming outside this "save" area. When the head tries to move elsewhere, it encounters the puddle and loops through a move sequence until it breaks through the puddle. Your customers should not be overly concerned, because it's not a major problem, but the Quality group is looking into the issue.

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