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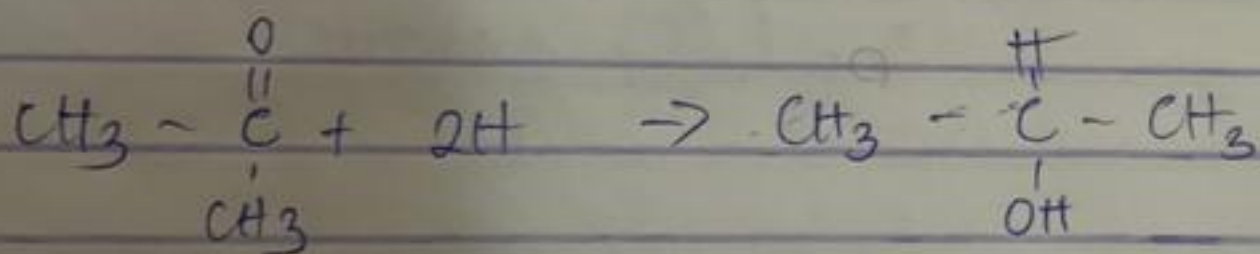
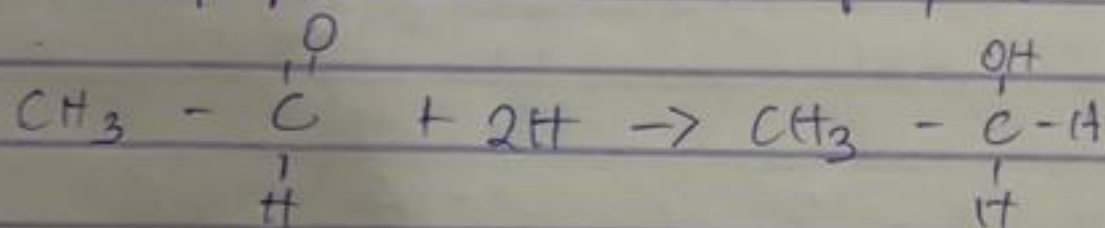
Dept: Mechanical Engr.

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1) Primary Alcohol - In a primary alcohol (represented as 1°) the group is only attached to one alkyl group e.g. Ethanol, 2-methyl propan-1-ol

2. Secondary alcohol - represented as 2° . The carbon atom is attached to two alkyl groups e.g. propan-2-ol, butan-2-ol.

3). Reduction of Alkanone leads to a secondary alcohol and the reduction of alkanol leads to a primary alcohol. Hence, the specified examples; The reduction of propanone leads to propan-2-ol



3). The starting material for the process varies widely but will normally be some form of starchy plant material such as maize, barley, e.t.c. First step is to break complex carbohydrates into simpler ones, then yeast is added to keep it warm.

