

# CASE STUDY: Use of Carbon/Composite Technology

<b>INDUSTRY</b>	Oil& Gas
<b>PROJECT NAME</b>	Use of Carbon/Composite Technology in Solids Removal Equipment
<b>PRODUCT TYPE</b>	Whitepaper
<b>DESCRIPTION</b>	<p>Review the use of carbon fiber technology in applications with high energy both vibration and rotational.</p> <p>Investigate the use of carbon technology with the goal to reduce the weight of the equipment and to match or improve the present efficiency of equipment built with carbon or stainless steel</p>
<b>RESULT</b>	<p>Project deliverables included:</p> <ol style="list-style-type: none"><li>1- a survey of industries that are actively using carbon technology</li><li>2- the stress conditions in which it is used</li><li>3- theoretical limits on stress before destruction</li><li>4- an economic analysis of manufacturability</li></ol>
<b>DURATION</b>	2 months

File DOC-10 / Carbon/Composite Technology

