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| Soggetti | Snowmobiles - Design and construction Motor vehicles - Pollution control devices |
| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
| Note generali | "Student research papers"--Cover. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Development of clean snowmobile technology for operation on high-blend ethanol for the 2008 Clean Snowmobile Challenge (2008-32-0053/20084753) -- Development of a flexible fueled snowmobile operating on ethanol blended gasoline for the 2010 SAE Clean Snowmobile Challenge (2010-32-0083/20109083) -- University of Idaho's flex-fuel two-stroke snowmobile (2010-32-0084/20109084) -- Development of a Miller cycle powersports engine (2014-32-0090/20149090) -- Developing best available technology in a flex-fuel snowmobile by using a lean-burn Miller cycle (2013-32-9176/20139176) -- Exhaust noise reduction in two-stroke snowmobile: development of a mechanically active quarter wave resonator (2015-01-2211/2015-01-2211) -- Measurement of dry soot and particulate matter from two-stroke and four-stroke snowmobiles (2010-32-0042/20109042) -- Development of an in-service snowmobile emission test procedure for the SAE Clean Snowmobile Challenge (2009-01-2625) -- Sound quality jury analysis versus sound pressure measurement in snowmobiles (2009-01-2231) |
| Sommario/riassunto | This collection is a resource for studying the history of the evolving technologies that have contributed to snowmobiles becoming cleaner and quieter machines. Papers address design for a snowmobile using |

the EPA test procedure and standard for off-road vehicles, along with more stringent U.S. National Park Best Available Technology (BAT) standards that are likened to those of the California Air Resources Board (CARB).
