PRESENT A JOINT DINNER MEETING
An Overview of a Remanufacturing Business

Date: Thursday, November 5, 2015
Time: 5:30 pm Social Hour: Fellowship and Networking
       6:30 pm Dinner   7:15 pm Brief Presentation from Social Sponsor
       7:30 pm Main Presentation

RESERVE WITH MEAL CHOICE BY NOON ON MONDAY 11/2/15
to DaAliya@itothen.com or 616-475-0059

Place: HOLIDAY INN DOWNTOWN GRAND RAPIDS
       310 Pearl Street NW, Grand Rapids, MI 49504 • (616) 235-1995

Cost: Members and Non-members $25.00
       Payment by cash or check at the door.
       Students, retirees and unemployed $12.00

Speaker: Jacqueline Earle, Product Support Manager,
Remanufacturing & Components Division, Caterpillar Inc.

Menu: Your Choice of Stuffed Chicken Breast (artichokes, spinach, cheese and red pepper sauce)
       OR Roasted Pork Loin (garlic and rosemary). All meals include salad, accompaniment, rolls,
       coffee or tea or lemonade, and carrot cake

FEATURE PRESENTATION: The term “Remanufacturing” conjures up different ideas for different people.
For many, it’s a positive recycling concept, necessary for sustainable and economic solutions to extending the
life of products. This talk will review important ingredients for a successful remanufacturing business, focusing
on a heavy equipment product line. The process must start with designing for remanufacturability: understanding
design factors, wear surfaces, disassembly and remanufacturing technologies. The dirty work of cleaning is
critically important to enable accurate inspection as well as subsequent processing. Evaluation techniques range
from dimensional checks to crack inspection. Bringing a product up to the original technical specifications can be
achieved in a variety of ways. As with new products, these processes must be managed with good quality control
and possibly in-factory validation checks. The technical community can relate to design and process issues, but
there is significant commercial work that must accompany this.

SPEAKER BIO: Jackie Earle has been with Caterpillar Inc. for over 26 years, after receiving her BS degree from
the University of Pittsburgh. She spent most of her early career providing metallurgical support for engine design
engineers, making material & process recommendations, leading supplier quality projects and providing powdered
metal expertise. Jackie also earned a MS degree in Mechanical Engineering from Bradley University, and
progressed through lead engineer positions in after treatment and engine application groups. She began working
in the Electric Power Division, managing commercial & technical programs for generator sets and associated
equipment. This involved assessing customer needs and competitive products, writing functional specs for
new products, and leading new product introduction programs. Jackie was also Certified as a 6 Sigma Black Belt,
and managed product support projects with Joint Venture partners.
Jackie is currently in the Remanufacturing & Components Division of Caterpillar, managing technical support. Her division remanufactures engines, hydraulics, drivetrain and electronic components. Jackie leads efforts to resolve customer problems and improve products, with her team in the US and Caterpillar remanufacturing plants around the world. This work includes creating and conducting training on customer focus, problem resolution and influencing purchase decisions.