

PROJECT DATA

**GENERAL MOTORS CORPORATION POWERTRAIN
LIVONIA/CADILLAC PREMIUM V-6 ENGINE**

LIVONIA, MI

Client

General Motors Corporation
Livonia Engine Plant
Girish Kumar
313.523.6551

Architect

Smith Group
500 Griswold St.
Detroit, MI 48226
Corliss Brooks
313.893.3600

Size

152,000 sf

Cost

\$12,000,000

Date Completed

1997



JM Olson's industrial experience portfolio continues to grow with the completion of the General Motors Corporation Northstar project in Livonia. Olson provided construction services for a variety of expansion projects at the major automotive plant.

Our most significant project was the addition of four new satellite loading docks and a primary shipping and receiving area that totaled more than 100,000 sf. Olson constructed an 18,000 sf mezzanine for installation of mechanical equipment such as air handling system and chiller pumps, new 12,000 sf cafeteria, 18,000 sf tool crib area and a 4,000 sf training area. All site improvements, upgrades to the plant's ventilation, heating and cooling systems and a completely new and stand-alone oil storage facility were included in this project. Olson also provided services for extensive mechanical piping, electrical systems, and cooling system control functions for Gallery One, a large filtration area.

During construction, General Motors increased Olson's scope of work with the addition of a \$1 million dollar test engine facility. Olson, working in a design/build capacity, designed, constructed and installed two test engine areas. Critical elements of this project included: installing chilled water piping, fire alarm and extinguishing systems, and a separate ventilation system for carbon dioxide removal.

