

METER:

M and MX19F-2SA 3/4" NPT

MEDIA:

Diesel Fuel

VOLUME & PRESSURE:

200 GPH at 20 PSI during peak load



APPLICATION:

A West Coast Marine Fuel Management Integrator has standardized on Macnaught Positive Displacement Oval Gear Flowmeters for their commercial vessel fuel management packages. The two meters above are test measuring fuel to each 3000HP Diesel Power Plant on an industrial tugboat. Data from the meters is routed to a logic scheme allowing for highly accurate fuel burn information leading to sophisticated engine optimization improvements.

SELECTION PROCESS:

Numerous Positive Displacement and other flow technologies were tested during trials. Design criteria required high accuracy, a robust design suitable for harsh engine room atmospheres, compact design due to install challenges and no flow conditioning as retro fit conditions demanded inlet flexibility.

THE WINNER.....

Macnaught's initial M Series and MX Series testing exceeded all design requirements. The client selected the MX Series as the specified meter due to the heavy-duty body construction which is machined out of solid billet, the .5% accuracy (of actual reading) and the compact footprint. To date, Macnaught has been installed in 10 high Horsepower Vessel fuel management systems with this client, with more to come. When you need exacting durable fluid measurement - **think MACNAUGHT!**