

**MEDIA RELEASE**

## Sykes Group will be primed and pumped with new models at QME

**Sykes Group** range of Xtra High Head pumps have outstanding shaft stiffness ratios for maximum efficiency. They will be exhibiting at **Stand 1101** during the 2008 Queensland Mining and Engineering (QME) exhibition at the Mackay Showground from July 22-24.

Shaft stiffness is critical when pumping applications are variable and demanding as it can counter imbalances that cause shaft deflection and bending stress, leading to premature bearing, seal and shaft failure.

“A pump with a low shaft stiffness ratio will be more durable and tolerant, allowing it to perform multiple duties and run at varied speeds as well as be operated by an inexperienced user,” Sykes Group Product Manager, Chris O’Brien, said.

“This flexibility makes these pumps highly suitable for mine sites and rental businesses where applications and duties are varied.”

The generally accepted industry shaft stiffness ratio is within the 1.5 to 2.5 range while the US Navy specifies a ratio of 0.75 for its critical and demanding applications. The Sykes XH80 pump has a ratio of 0.39, the XH100 has a ratio of 2.5 and the XH150 ratio is 0.28.

Sykes Group will also use QME to showcase a new generation of Grindex drainage pumps and its Olympic pump range which offers reduced fuel use.

Improved design of the Grindex pumps means they have at least three times the wear-resistance of earlier models as well as the same high performance. They are also easier to handle and faster to service.

The Olympic pumps are designed to move liquid with solids while reducing fuel usage and, hence, operating costs.

They range in size from 80 mm to 300 mm with the 150 mm pump offering savings of up to 340 litres of fuel a week.

**Further information:**

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