ACOM
Automated Cylinder Oil Mixing

The automated cylinder oil mixing (ACOM) system is a new cylinder oil delivery system which has been developed to ensure that the cylinder oil is mixed automatically to match the sulphur content of the fuel in use.

Reduction of cylinder oil costs

The ACOM unit is fully controlled by the engine control system via the main operating panel (MOP). The system mixes fully formulated cylinder oils to the base number (BN) required to match the sulphur content of the fuel with a minimum dosage, see Figure 2.

This enables the operator to use a low cylinder oil feed rate, thereby saving costs, and keeping the cylinder oil BN at the optimum for the engine.

Shipowners with dual fuel engines as well as shipowners who install scrubbers will run on varying sulphur.

Hence, matching the lube oil to the actual sulphur content according to the engine type and operating pattern is a key factor in achieving efficient lubrication. Furthermore, by mixing two fully formulated cylinder oils, detergency and dispersancy are always at the highest level, while viscosity is kept at the recommended level.

Figure 1: ACOM system

Everllence

PrimeServ

ACOM
Automated Cylinder Oil Mixing

Key benefits
- Improved cylinder condition:
  - Always cylinder oil with optimal BN: 15-140 BN
  - Fully formulated cylinder oils
  - Less wear, no over-lubrication, longer TBO
  - Ease of use for ship-owners due to less complexity
- Improved logistics for the lube oil company:
  - Fewer oil types on storage
  - Optimizsed worldwide coverage

Scope of supply
- ACOM unit (1 pc.)
- Set of pipes, screws, nuts and fittings
- Set of cables
- Installation

Applicable to
- All Everllence B&W dual-fuel type engines
- Everllence B&W ME/ ME-C engines
- Everllence ME-B engines
- Everllence MC/MC-C engines

Reference list
- Standard on all Everllence B&W ME-GI engines running in mixed mode, approx. 90 engines
- Approx. 20 retrofits sold

More information
Would you like to know more about the product, and how the upgrade can improve your specific engine? Then do not hesitate to contact your local Everllence PrimeServ office to receive more information about the upgrade!

Everllence PrimeServ
Teglholmsgade 41
2450 Copenhagen SV, Denmark
P + 45 3385 1100
RetrofitDK@everllence.com
www.everllence.com/primeserv

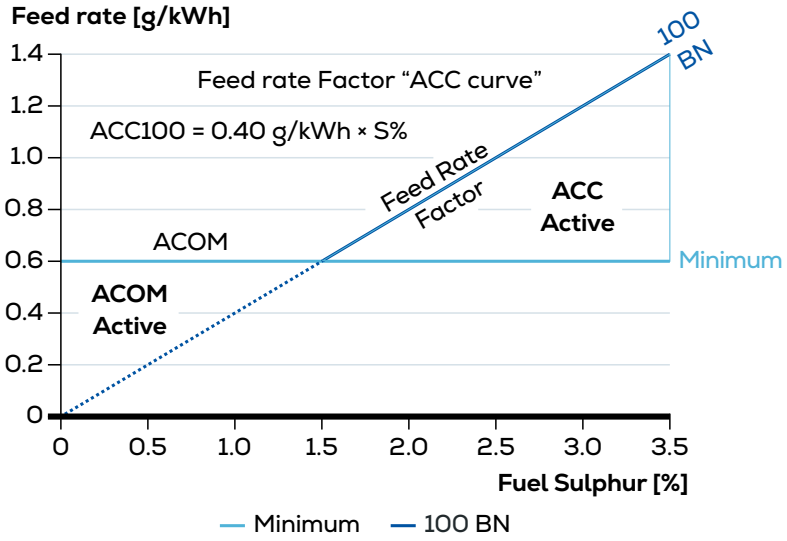

Figure 2: Feed rate for optimum BN cylinder