

# RMF Systems Case

## OILFIELD DRILLING RIGS

Drillmec is an international leader in design, manufacture and distribution of drilling and workover rigs for onshore and offshore applications as well as a wide range of drilling equipment in the oilfield industry. Drillmec has six operational centers placed around the globe.

### DRILLMEC HYDRAULIC HOIST SERIES

The drilling industry is actively involved in screening new technologies to solve common problems, such as increasing safety in drilling operations and minimizing environmental impact. Together with these considerations relating to nature and human resources, the industry must also continue to improve drilling performance.

The history of the HH rigs saw its evolution from a simple hydraulic rig for water wells upgraded to oil well standards in 1990. Later on, a new project developed the basic concept of this technology and a new drilling rig series began to operate in various oil fields around the world.

Today more than hundred of these rigs are successfully operating world wide. The complete series of the HH rigs ranges from 100 to 350 ton hook load capacity. Fast moving features provide an efficient tool

to the drilling contractor enabling him to drill quickly and safely. The flexibility of this design means high rate of utilization since 90 % of onshore wells are within the range of capability of the HH series.

Drillmec was experiencing water problems in their hydraulic system and investigated the cause. Investigation showed that condensation of moist air in the reservoir was the cause of the water contamination.

RMF Systems offered a solution with the air conditioner (desiccant breather) product range.

After a long testing period RMF Systems Air conditioner type KL121R are now fitted to all new build HH series drilling rigs and also available as a retrofit.



KL121R

#### BENEFITS

- ▶ Reducing water and solid particle contamination
- ▶ Prolongs the life of the additive package and reduces oxidation of the oil and bearing surfaces.
- ▶ Eliminates rusting due to condensation.
- ▶ Reduces machine downtime.
- ▶ Extends the machine's useful life.
- ▶ Reduces cost of ownership.



SUBJECT TO CHANGE WITHOUT PRIOR NOTICE  
Coenecoop 71 | 2741 PH | Waddinxveen | the Netherlands  
T: (31) 182 30 28 88 F: (31) 182 30 28 89 E: info@rmffilter.com  
C\_OILFIELD DRILLING RIGS\_KL121R\_20131014\_EN