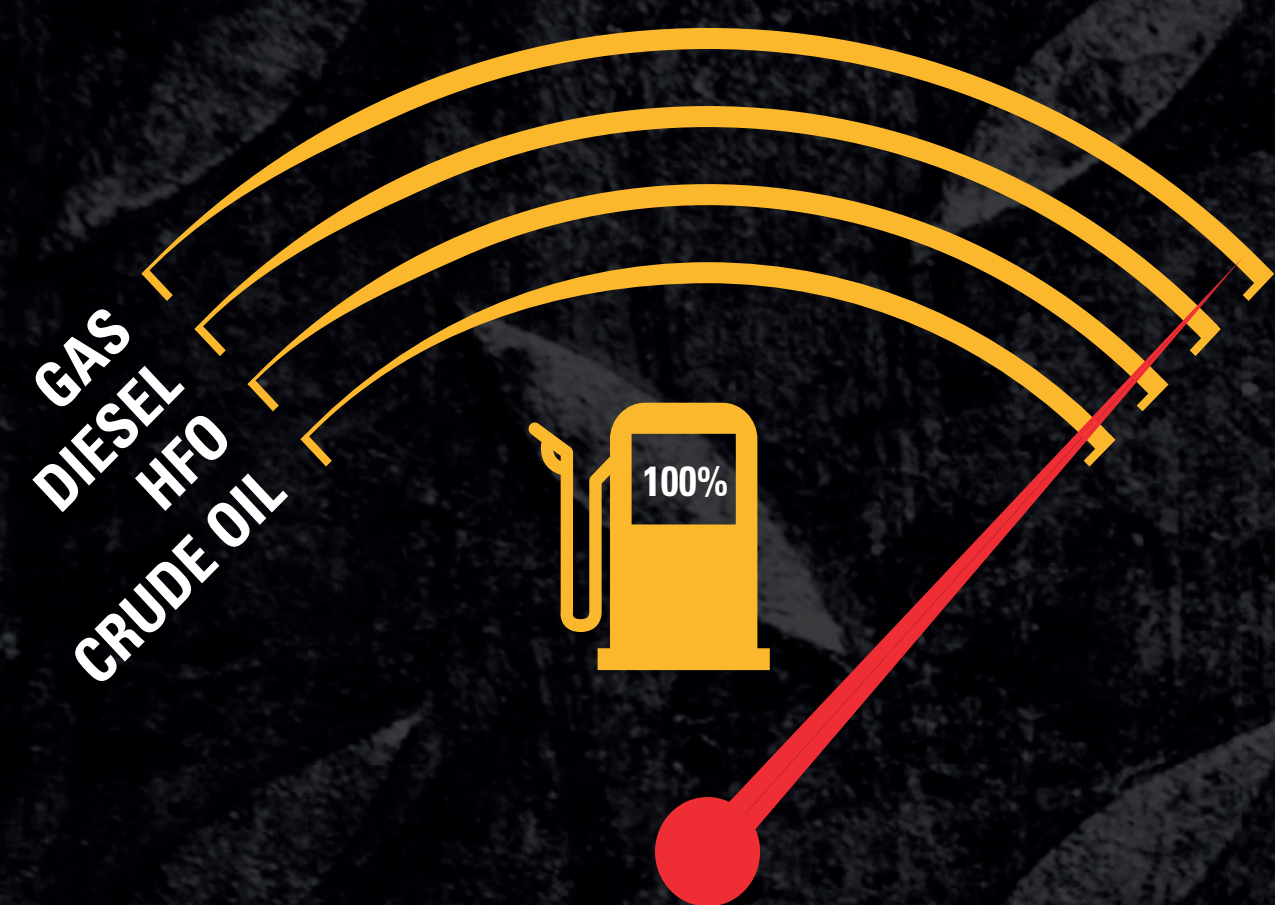


# A CLOSER LOOK AT THE FACTS

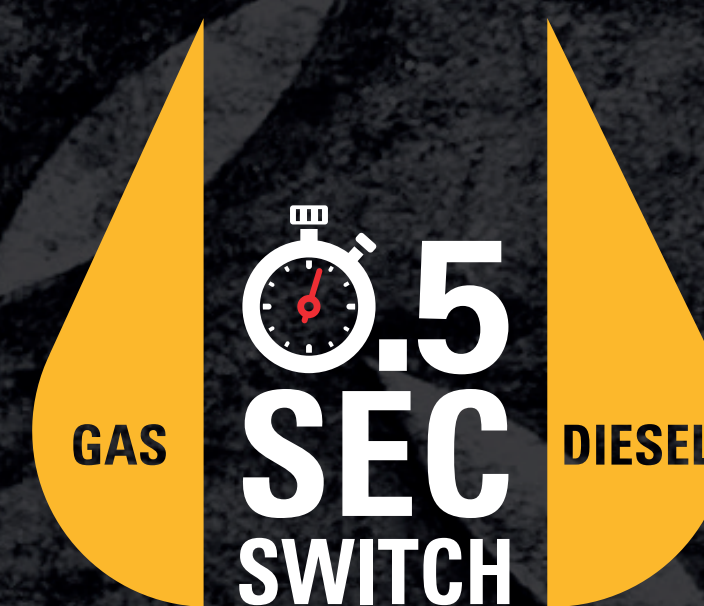
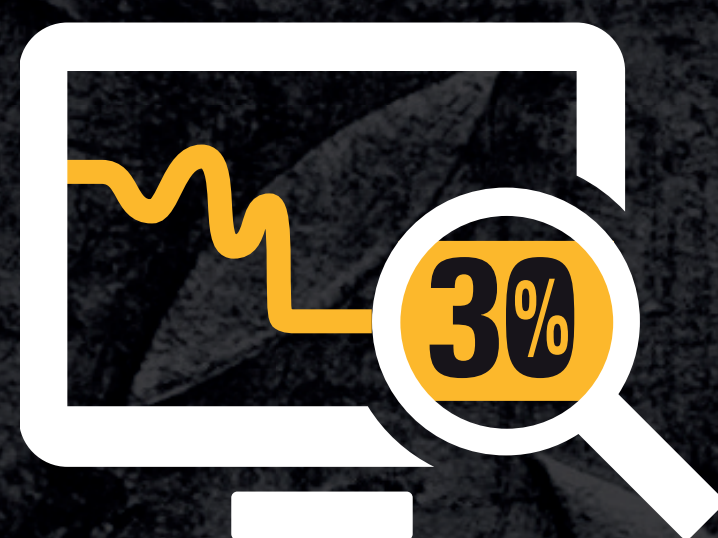
## MaK M 46 DF



**100% fuel flexibility:** Runs with Crude Oil, HFO, Diesel and Gas.

**30% reduced maintenance time** due to improved monitoring and failure detection.

1000+ sensor data with telematics for full off- and onshore monitoring and diagnostics.

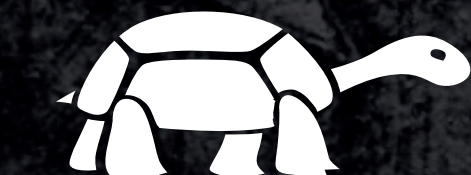


**0.5 seconds** needed to switch between gas and diesel.

100% engineer-  
ing support for  
complete  
solutions from  
tank to exhaust.

**100%  
ENGINEERING  
SUPPORT**

Orders won with  
Furetank and  
Anthony Veder.



**20 sec**

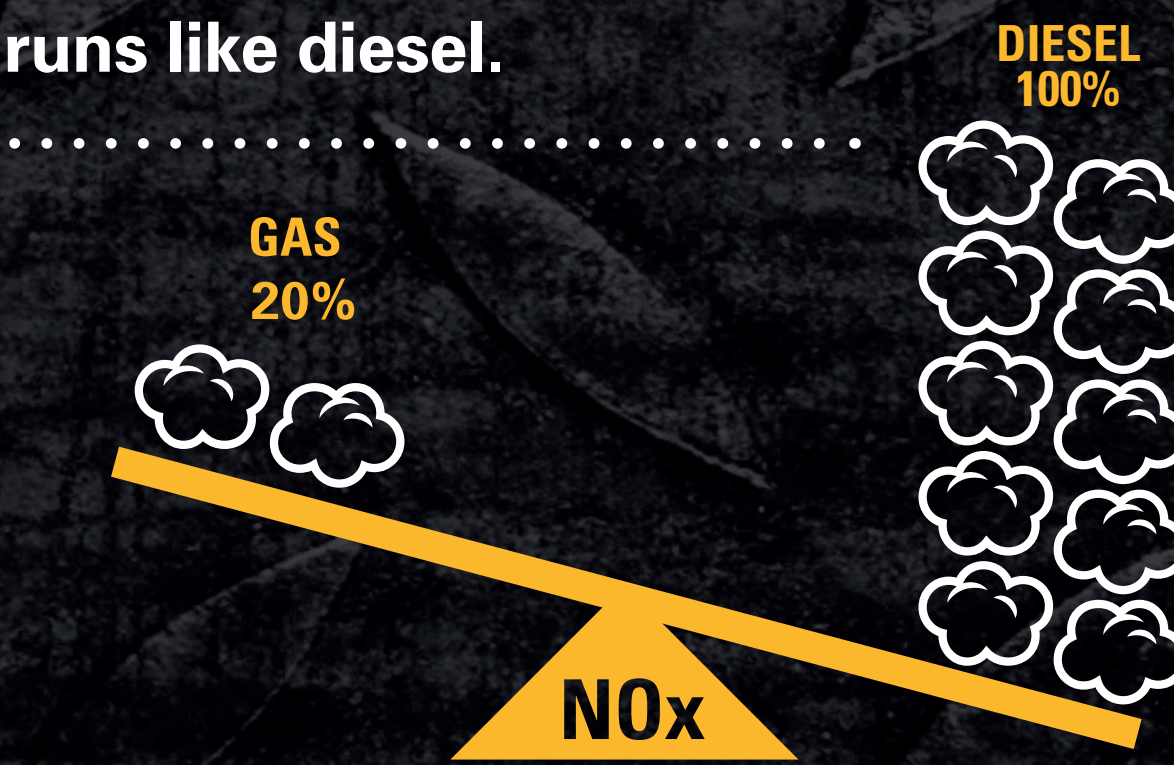
20 sec ramp-up from 20% to 90 % load, **runs like diesel.**



**0 defect strategy** propels mission-critical applications like Cruise and Tankers.

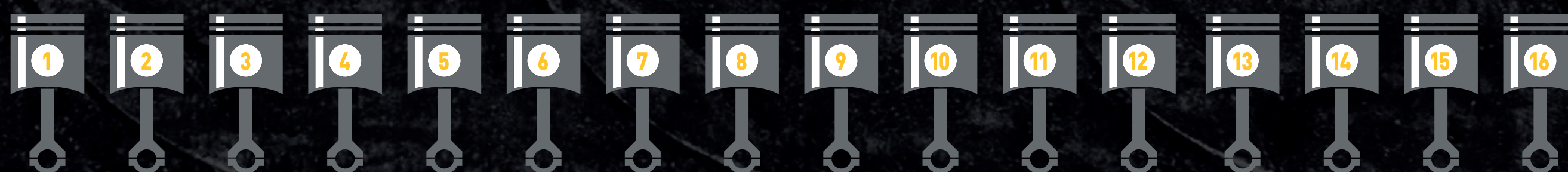
100% gas  
operation.  
Starts with gas.

**100% GAS**



**80% lower NOx** compared to diesel.

**24 ratings** from 6 – 16 cylinders, covering every power node needed.



**30,000 hrs**  
time between overhaul.



**60 worldwide service** locations, 60 Cat® dealers certified by German Lloyd for service capability.

**MaK**