

May 20, 2019

Title: New 0,5% Sulphur cap 2020  
Nr. / No.: 0252-GB

Verteiler / Distribution: **Internally and externally**  
Produkt / Baureihe **Allweiler 3-Screw pumps handling low Sulphur fuels**  
Pump Type:  
Anlass / Reason: **New 0,5% Sulphur cap 2020**

## ALLWEILER pumps capability to handle fuels with 0,1% Sulphur content and viscosities down to 1,0 mm<sup>2</sup>/s

Dear Ladies and Gentlemen,

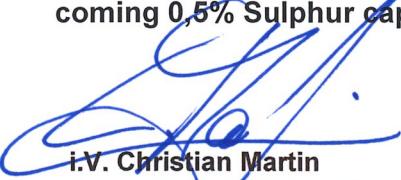
Fuels according to ISO 8217:2017, with minimum viscosity of 1,4 mm<sup>2</sup>/s @ 40 °C for DMX and max. Sulphur content of 0,1%, are used inside Sulphur emission control areas (ECA-SOx).


The International Maritime Organization (IMO) will enforce a new global 0,5% Sulphur cap on fuel content from 1 January 2020, lowering from current 3.5% limit for marine fuels in use on ships operating outside Sulphur emission control areas (ECA-SOx).

Furthermore, use of fuels in compliance with these regulations can have a significant impact on the operating conditions of fuel oil pumps. In cases where the altered operating conditions exceed the permissible limits of fuel pumps already in service on board ships, these units may pose a safety risk or may become inoperable with the compliant fuel.

**Depending on the specific operating conditions, Allweiler pumps in operation today can either continue in use without change or be easily upgraded. If there are uncertainties, please reach out to your sales representative for clarification based on specific data sheets and pump performance charts.**

**Allweiler therefore confirms we can provide pumps suitable for handling of fuels with viscosities as low as 1,0mm<sup>2</sup>/s and having a Sulphur content of 0,1% by mass, meaning also covers the coming 0,5% Sulphur cap 2020 (reduction of Sulphur content from 3,5% to contain max 0,5%).**

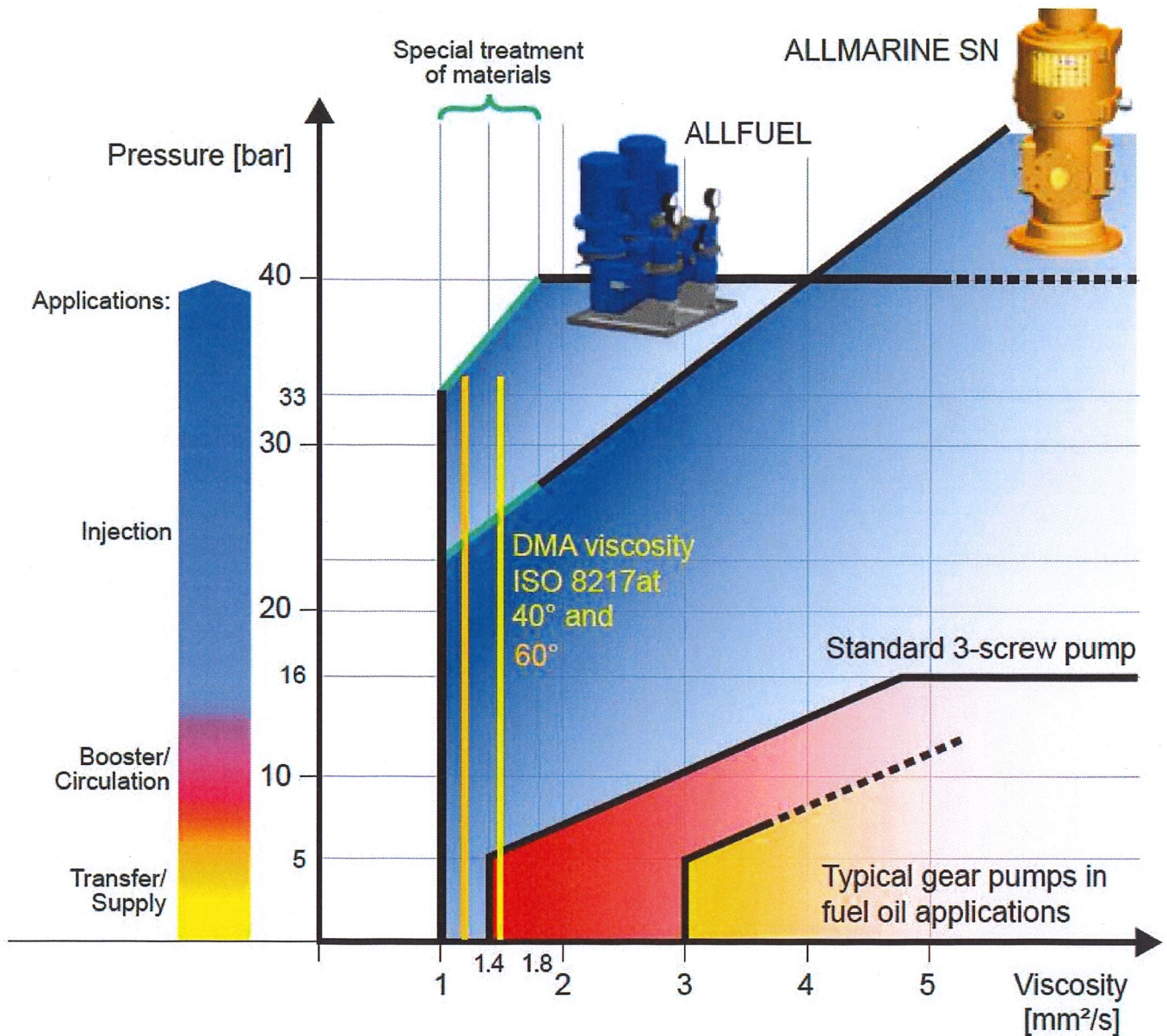
  
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Lower viscosity levels found in new regulation sulphur fuels significantly affect the performance of various pumps in today's marine market. Allweiler pumps offer high performance despite stringent global