# SUNTEC PUMPS AND JAPANESE & KOREAN KEROSENE

## KEROSENE PROPERTIES

Kerosene fuel has different properties compared to gasoil :

- ⇨ much lower viscosity (0,82-0,89 cSt @ 40°C), meaning that the internal leakages between the moving parts of the pump are increased giving a reduction in available nozzle flow capacity.
- ⇨ lower lubricity of the pump inner parts.

Due to these properties, kerosene use requires precautions in the selection and use of burner pumps.

## SUNTEC PUMP RANGE AND KEROSENE APPLICATIONS

■ **Low capacity pumps :**

To fulfill the market requirements Suntec has developped a *special range of models* issuing from standard **AN, AS, AL, A2L** types with *high precision gears.*

These models are identified with their own reference number and by the letter "**J**" :

ie : AL 35C **J** 9439 6P 0700.

The maximum recommended pressure for these models is : **15 bars**.

■ **Medium capacity pumps :**

For **AJ** pumps, as for A pumps, specific models identified by the letter "**J**" have been created :

ie : AJV4 AB**J** 1004P;

The maximum recommended pressure for these models is : **15 bars**.

For **E1001/1002** and **J** (revision ≥8) pumps, standard models are compatible for kerosene application. The maximum recommended pressure is : **15 bars.**

Do not use J7 or E71001 pumps for kerosene application, SUNTEC recommends to use TAR2 pumps

■ **High capacity pumps :**

For **TAR** pumps, standard models are compatible for kerosene application. The maximum recommended pressure is :

- **20 bars** for TAR2/3/4 pumps,
- **17 bars** for TAR5 pumps.