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COOLER

SIZING QUESTIONNAIRE

As a guidance for sizing and/or if you prefer to send us your enquiry, please fill in as many details as possible

Name: Job Title:
Company name:
Address:
Phone No: () Fax No: ()
E-mail address:

Application: Lubrication Industrial Mobile
Type of fluid: Viscosity grade:
For system: Existing New design
Tank or sump volume: Litre Max noise level accepted: db(A)
Total installed electric power: kW Required oil inlet temp: °C
Heat load (if known): kW Ambient temp: Min °C Max °C
Oil flow rate(through cooler): L/min.
Required oil temp, cooler: inlet °C
 outlet
Main pump type: Vane Gear Piston
Pressure compensated: Yes No
Flow rate: L/min. Working pressure: bar

Location of the cooler:
Additional details, type of machine, etc.:
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Please provide circuit schematic if available

For calculation of losses in an existing overheating system, please advise:

- Initial oil temperature T1: °C
- Final oil temperature T2: °C
- Time interval between T1 & T2: minute (refer to formulas on page 44)

Cooling Media

Water Plate Shell & Tube Air Fan drive DC Voltage: V
 AC Voltage: V Frequency: Hz
 Hydraulic
 With circulation pump (off line), AC only
 Special requirement:

For water coolers

Type of water: Industrial Sea/Brackish Bore/River
Water flow rate: L/min.
Water temperature: °C

Special comments or requirements:
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