

# CHAMPION PDS

PRODUCT DATA SHEET

## QUANTUM HEAT TRANSFER OIL

CHAMPION Quantum Heat Transfer Oils are premium industrial oils designed to provide corrosion protection and lubricity as a process oil, to provide excellent thermal and oxidative stability as circulating oil, and to provide faster cool times in quenching operations.

These oils are blended with high-quality hydrocracked mineral base oils providing for better stability, better low-temperature performance, lower volatility and higher flash points than similar solvent-refined oils. These oils should be used in open systems with bulk oil temperatures of less than 160°C and closed systems with bulk oil temperatures of less than 280°C



**PART# 4218 - ISO 32**

**PART# 4223 - ISO 22**

### Available in:

**4218AN - 55 Gallon**  
**4223AN - 55 Gallon**

### TYPICAL PROPERTIES:

PRODUCT CODE:	4218
ISO GRADE	32
DENSITY	0.9 mg/cu. cm @ 15.6 °C
APPEARANCE	AMBER COLOR
ODOR:	PETROLEUM ODOR
VAPOR PRESSURE	0.013 torr @ 25°C
SOLUBILITY	INSOLUBLE IN WATER
VISCOSITY:	20 mm/s @ 40°C
FLASH POINT, °F	199

PRODUCT CODE:	4223
ISO GRADE	22
DENSITY	0.9 mg/cu. cm @ 15.6 °C
APPEARANCE	AMBER COLOR
ODOR:	PETROLEUM ODOR
VAPOR PRESSURE	0.013 torr @ 25°C
SOLUBILITY	INSOLUBLE IN WATER
VISCOSITY:	20 mm/s @ 40°C
FLASH POINT, °F	199

FOR HEALTH / SAFETY INFORMATION - REFER TO THE SDS at [WWW.CHAMPIONBRANDS.COM](http://WWW.CHAMPIONBRANDS.COM)

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