CIRCAMAX HT 32

HEAVY DUTY HEAT TRANSFER OIL

PREMIUM TECHNOLOGY

HIGH PERFORMANCE HEAT TRANSFER OIL DEVELOPED FROM DECADES OF EXPERIENCE IN CONJUNCTION WITH ORIGINAL EQUIPMENT MANUFACTURERS.

THE USE OF OUR PROPRIETARY BASE OIL TECHNOLOGY, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES LONG OIL LIFE WITHOUT ANY COMPROMISE OF EQUIPMENT RELIABILITY.

APPLICATIONS

DESIGNED FOR ENCLOSED CIRCULATED HEAT TRANSFER SYSTEMS FOR INDUSTRIAL APPLICATIONS SUCH AS THE PROCESS INDUSTRY, CHEMICAL PLANTS, TEXTILE PRODUCERS ETC, AND IN HOUSEHOLD EQUIPMENT SUCH AS OIL FILLED RADIATORS.

MAY BE USED IN HIGH TEMPERATURE COINTINUOUS HEAT TRANSFER APPLICATIONS WITH THE FOLLOWING LIMITS:

MAXIMUM FILM TEMPERATURE - +340°C

MAXIMUM BULK OIL TEMPERATURE - +320°C

ALWAYS REFER TO EQUIPMENT HANDBOOK / OPERATING MANUAL FOR RECOMMENDED OIL SPECIFICATION & GRADE BEFORE USE.

KEY FEATURES

- HIGH PERFORMANCE PREMIUM HEAT TRANSFER OIL TECHNOLOGY
- LOW VISCOSITY AND HIGH HEAT TRANSFER COEFFICIENT
- LOW VAPOUR PRESSURE
- NON CORROSIVE
- EXCELLENT OXIDATION RESISTANCE AND THERMAL STABILITY PROVIDES LONG OIL LIFE

PERFORMANCE SPECIFICATIONS

DIN	51522
ISO	6743-12 FAMILY Q

PHYSICAL & CHEMICAL CHARACTERISTICS

PROPERTY	METHOD	UoM	TYPICAL	LIMITS
VISCOSITY GRADE	ISO VG	-	32	-
RELATIVE DENSITY @ 15°C	ASTM D4052	g/cm3	0.847	-
KINEMATIC VISCOSITY @ 40°C	ASTM D445	mm2/s	30.0	28.8 – 35.2
KINEMATIC VISCOSITY @ 100°C	ASTM D445	mm2/s	5.3	-
VISCOSITY INDEX	ASTM D2270	-	109	95 MIN.
POUR POINT	ASTM D97	°C	-12	-
FLASH POINT (CoC)	ASTM D92	°C	230	-
FIRE POINT	ASTM D92	°C	255	-
INITIASL BOILING POINT	ASTM D86	°C	>355	-
COEFFICIENT OF THERMAL EXPANSION	-	1/°C	0.0008	-
APPEARANCE	ASTM D4176-1	-	CLEAR & BRIGHT	-
COLOUR	VISUAL	-	PALE AMBER TO AMBER	-

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