

CHAMPION HEAT TRANSFER OIL ISO 32

This is a heat transfer oil based on a specifically refined mineral oil with exceptional oxidation stability and very high resistance to thermal decomposition.

APPLICATIONS

This oil is recommended for heat transfer systems in generators, equipped with an expansion vessel and a proper circulation speed, where the maximum oil temperature does not exceed 315°C. The maximum film temperature is 340°C.

FEATURES

Temperature stability: superior viscosity stability

Anti-wear and oxidation stability: adequate protection of systems

PERFORMANCE

ISO 32

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.870
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	30.3
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	5.4
Viscosity index	ASTM D2270		113
A.N. [Colorimetric]	ASTM D974	mg KOH/g	0.01
Pour point	ASTM D6892	°C	-9
Flash Point COC	ASTM D92	°C	208
Density at 200°C	ASTM D4052	g/ml	0.746
Density at 300°C	ASTM D4052	g/ml	0.680

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

