

AZTEC OILS LTD

Heat Transfer Oils

Premium quality paraffinic oils formulated to meet the most stringent oxidation requirement of circulating hot oil systems. They have outstanding thermal stability and oxidation resistance at sustained operating temperatures up to 260oC, are non corrosive to steel and copper.

These oils are specifically recommended for low atmospheric temperature work by asphalt users who need a means of heating all bitumens outdoors.

The recommended maximum temperature range for closed systems is 320oC and for open systems 200oC

Typical specifications and characteristics

	Method	HT22	HT32	HT46	HT68	
Density KG @ 15 Deg C	IP160		0.86	0.87	0.87	0.87
Flash point Deg C	IP15		203	248	252	264
Pour point Deg C	IP15		-20	-10	-10	-9
Viscosity @ 40 Deg C	IP71		22	32	46	68
Viscosity @ 100 Deg C	IP71		4.0	5.8	6.8	
Viscosity Index	IP226		100	105	105	
105						
Thermal Conductivity		0.06	0.064		0.067	
0.070						
Heat Capacity		0.64	0.65	0.65		0.66
Vapour Pressure mm/hg			25	25	25	

Health & Safety Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers