



# HP Lubricants - Product Data Sheet



## HEAT TRANSFER FLUIDS

### HP HYTHERM 500, 600

HYTHERM 500 AND HYTHERM 600 ARE THERMIC FLUIDS DESIGNED TO COVER A BROAD RANGE OF HEAT TRANSFER APPLICATIONS. HYTHERM 500 IS RECOMMENDED IN SERVICES INVOLVING MAXIMUM BULK TEMPARATURES UPTO 285°C. HYTHERM 600 IS RECOMMENDED IN SERVICES WHERE BULK OPERATING TEMPARTURES GO UPTO 305°C EVEN REPLACING SOME SYNTHETIC PRODUCTS.

#### APPLICATION AREAS :

ALL TYPES OF HEAT TRANSFER APPLICATIONS.THE PRODUCT FINDS EXTENSIVE APPLICATION IN TEXTILE,PHARMACEUTICALS, CHEMICAL AND PROCESSING INDUSTRIES.

#### PHYSIO-CHEMICAL PROPERTIES :

PROPERTIES	HP HYTHERM 500	HP HYTHERM 600
KINEMATIC VISCOSITY @ 40 C, cSt	27-35	27-38
FLASH POINT COC, C, MIN	194	194
VISCOSITY INDEX	95	100
POWER POINT C MAX	0	0
COPPER STRIP CORROSION 3HR @ 100 C (ASTM) , MAX	1	1
NEUTRALISATION NUMBER MG KOH/GM, MAX	0.15	0.15
SPECIFIC HEAT KCAL/KG C AT		
260C	0.731	0.741
280C	0.751	0.761
300C	0.772	0.791
THERMAL CONDUCTIVITY, KCAL/HR-MT C AT		
260C	0.097	0.100
280C	0.096	0.099
300C	0.095	0.097

#### PERFORMANCE BENEFITS:

- EXCELLENT OXIDATION & CHEMICAL STABILITY.
- LOW VOLATILITY, LOW VAPOUR PRESSURE
- NON CORROSIVE & NON TOXIC
- EXCELLENT THERMAL CONDUCTIVITY

PRESS TO  
RETURN



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