

RESTRICTED

TECHNICAL SPECIFICATION

OF

ITEM NO 1,H-1 (C)/HA-6045,MINERAL OIL (ISO VISCOSITY GRADE - 46)

Ser	Characteristics	Unit	Specified Limit	Rmks
1.	Density at 15 ⁰ C	Kg/Litre	0.872 ~ 0.880	
2.	Kinematics Viscosity at 40 ⁰ C	cSt	41.4 ~ 50.6	
3.	Kinematics Viscosity at 100 ⁰ C	CSt	6.65~7.50	
4.	Viscosity Index (Min)	No	95	
5.	Flash Point (COC) (Min)	⁰ C	215	
6.	Neutralization Value (Max)	mg KOH/gm	0.20	
7.	Copper corrosion test for 03 hours at 100 ⁰ C	Class	Class-1	
8.	Pour Point (Max)	⁰ C	-30	
9.	Colour	-	1.5	
10.	Aniline Point (Min)	⁰ C	100	
11.	Seal compatibility index	No	8 ~ 13	
12.	Rust prevention in Salt water test	-	No rust will appear	
13.	Foam tendency/stability Sequence at:	i) 24 ⁰ C	MI	10/Nil
		ii) 93.5 ⁰ C	MI	15/Nil
		iii) 24 ⁰ C (After 93.5 ⁰ C)	MI	20/Nil
14.	Four ball welding load	Kg	200/220	
15.	Vane pump test (CETOP RP 67H)	i) Ring Wear	Mg	< 10
		ii)Vane Wear	mg	< 10
16.	Water present	MI	Nil	

