

PRODUCT : HP OIL OM 100

SPECIFICATIONS		MIN	MAX	METHOD OF TEST IS 1448 ASTM OTHER	
APPEARANCE		CLEAR		VISUAL	
ASH, % WT			0.01	P 4	D 482 IP 4
COLOUR, ASTM			2.5	P 12	D 1500 IP 196
COPPER STRIP, CORROSION, AT 100°C FOR 3 HOURS			1	P 15	D 130 IP 154
DENSITY @ 29.5°C, gm/cc			0.866	P 16	D 1298 IP 160
EMULSION CHARACTERISTICS @ 54°C, IN 25 MINUTES, ml			40-40-0	P 91	D 1401
FLASH POINT, COC, °C		210		P 69	D 92 IP 36
POUR POINT, °C			-6	P 10	D 97 IP 15
RUSTING TEST, 24 HRS WITH SYNTHETIC SEA WATER			PASS	P 96	D 665 IP 135
KIN. VISCOSITY @ 40°C, cSt		90	110	P 25	D 445 IP 71
KIN. VISCOSITY @ 100°C, cSt		8.0		P 25	D 445 IP 71
VISCOSITY INDEX		95		P 56	D 2270 IP 226
WATER, % WT			NIL	P 40	D 95 IP 74
DESCRIPTION : FOR USE IN MAIN AND AUXILIARY STEAM TURBINES AND THEIR ASSOCIATED GEARING AND IN RECIPROCATING ENGINES WITH FORCED LUBRICATION SYSTEM, BALL AND ROLLER BEARING IN CERTAIN ELECTRIC MOTORS, TORPEDO TUBE MECHANISM, PRESERVATION OF NAVAL AIRCRAFT GUNS AND BELT FEED MECHANISM. ALSO FOR MISCELLANEOUS PURPOSE IN CERTAIN HYDRAULIC SYSTEM IN HM SHIPS. MEETS IS 1012 OF 1987				AUXILIARY	