

PRODUCT : HYMAROL HLP T 22, T 32, T 46, T 68, T 100 & T 150

MANUFACTURING SPECIFICATIONS	HLP T 22	HLP T 32	HLP T 46	HLP T 68	HLP T 100	HLP T 150	METHOD OF TEST 1S 1448 ASTM OTHER
	MIN MAX	MIN MAX	MIN MAX	MIN MAX	MIN MAX	MIN MAX	
APPEARANCE	BRIGHT AND CLEAR						VISUAL
COLOUR, ASTM	1.5	1.5	1.5	2.0	2.0	2.0	P 12 D 1500 IP 196
COPPER STRIP, CORROSION, AT 100°C FOR 3 HOURS	1.0	1	1.0	1	1.0	1	P 15 D 130 IP 154
DENSITY @ 15°C, gm/cc	0.865	0.870	0.880	0.885	0.890	0.890	P 16 D 1298 IP 160
EMULSION CHARACTERISTICS AT 54°C, IN 20 MINUTES, ml AT 82°C, IN 20 MINUTES, ml	40-37-3		40-37-3		40-37-3		P 91 D 1401
FLASH POINT, COC, °C	190	200	200	210	220	220	P 69 D 92 IP 36
FOAM TENDENCY/STABILITY, ml SEQUENCE I SEQUENCE II SEQUENCE III	150/NIL 75/NIL 150/NIL		150/NIL 75/NIL 150/NIL		150/NIL 75/NIL 150/NIL		P 67 D 892 IP 146
POUR POINT, °C	-36	-36	-36	-36	-33	-27	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	20 24	29 35	42 50	62 74	95 110	135 160	P 25 D 445 IP 71
VISCOSITY INDEX	150	150	150	150	150	150	P 56 D 2270 IP 226
DESCRIPTION : ANTIWEAR LUBRICATING OILS, HLP TYPE MEETS DIN 51524 PART II, DENISON HF 0, HF 2, IS: 11656-86, NF E 48603 CLASS HV AND MILCARON P68, P69, P70 SPECIFICATIONS							