



NATIONAL IRANIAN OIL COMPANY (NIOC)
RESEARCH INSTITUTE OF PETROLEUM INDUSTRY (RIPI)
CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT

SOUTH PARS CONDENASTE

TABLE 1: SOUTH PARS CONDENASTE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS		METHOD	MIN	MAX
SP.GR. AT 60 °F		ASTM D4052-96	0.738	0.76
API Gravity			54.6	60
R.V.P.(psi)		ASTM323-94(MANUAL) ASTM D 5191-96	8	12
MERCAPTANS(ppm)		UOP 163-98		2400
SALT CONTENT (ptb)		ASTM D3230-90		1
WATER CONTENT (VOL%)		ASTM E1064-92		0.06
H ₂ S (ppm)		UOP 163-98		20
DISTILLATION (°C)	IBP	ASTM D86-96	22	47
	10%	ASTM D86-96	55	79
	20%	ASTM D86-96	68	97
	50%	ASTM D86-96	120	155
	90%	ASTM D86-96	240	320
	FBP	ASTM D86-96	310	360
	RECOVERY%	ASTM D86-96	92	99
	RESIDUE%	ASTM D86-96	1.2	3.70
	LOSS%	ASTM D86-96	0.30	4.00