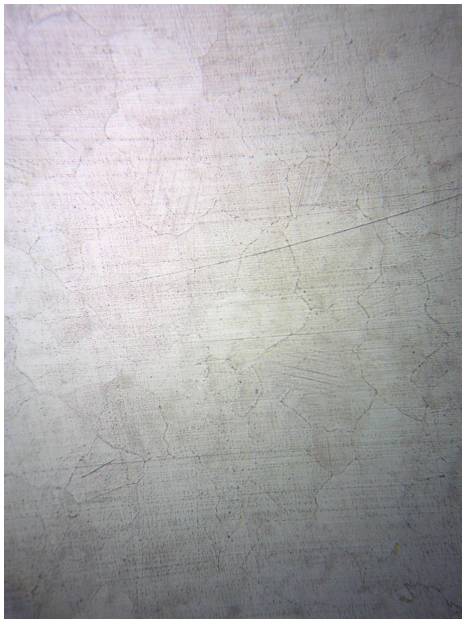


QM-442.8421 Metallographic Analysis Report

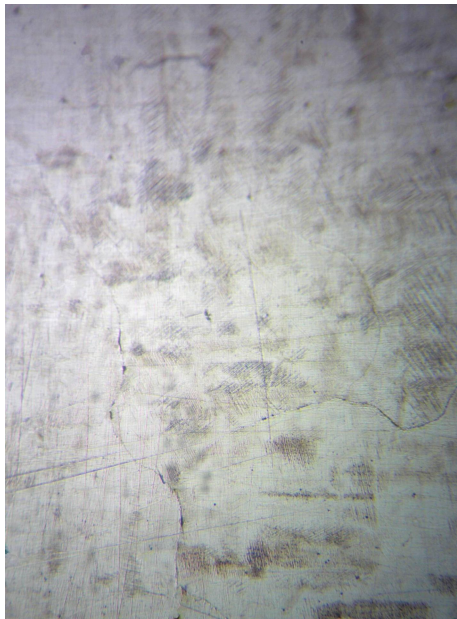
Standard: GB/T 13925-2010 , GB/T 6394-2002

2019/5/21

Part Number	442.8421	Casting No.	4IE0901	Position	Surface	
Technology	Hydraulic Toughness	Date	2019.6.14	Furnace No.	G-189	Magnetism
						Low
Test Item	Undissolved Carbide	Precipitated Carbides	Superheated Carbide	Grain Size		Nonmetallic Inclusion
Test Result	W1	X2	No	2		1A
Standard	≥W3	≥X3	≥G2	≤2		≥3
Judgment	OK	OK	OK	OK		OK



X100 Grain Size



X400 Carbide



X100 Mns

Result	OK
Remark	Material: Mn18Cr2, 2019/5/9 cast, cast temperature 1425°C.