



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L



ABERDEEN Technical Services Would Like to Thank You for Giving Us the Opportunity to Work With Your Honorable Company

Inspection Date:	22-09-2024	Due Date:	21-03-2025
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Inspector:	Hasan Omran	Supervisor:	Majd Dayoub
OEM:			





Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

The Rig Was Equipped with “BEIJING GOLD BASIN PETROLEUM TECHNOLOGY CO., LTD” Drawworks Brake System, with The Following Specification:

Equipment:	Drawworks (brake system)
Model/SN:	18-01
Date of Manufacture:	2018
Manufacturer:	BEIJING GOLD BASIN PETROLEUM TECHNOLOGY CO., LTD
Reference Standard:	API RP 7L
Next Examination Date:	After 6 Months

Remarks:

Detailed reports are attached detailing all readings and results in - 03 of 22 pages.

Inspector:	Hasan Omran 	Supervisor:	Majd Doyoub 
OEM:			



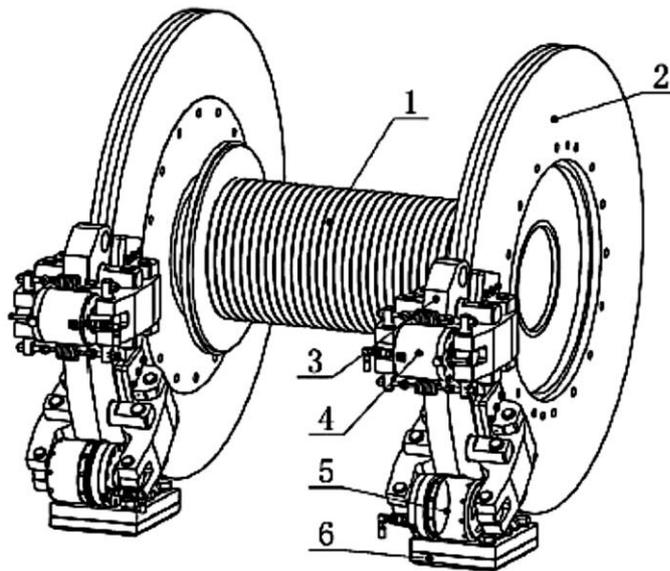


Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
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Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

PROCEDURE

- The Brake system has been Inspected and Found Conformable to the Relevant Standard(s)
- The Rig was equipped with “BEIJING GOLD BASIN PETROLEUM TECHNOLOGY CO., LTD” Drawworks Brake System
- The Braking System Found Stripped Down / Fully Dismantled for CAT III Inspection.

Action	Result
• Visually check for the serial number and Identification	Pass
• Dismantle the brake system calipers, frames, fasteners, pads, and actuating system as far as possible into single components	Pass
• Prepare and clean the dismantled parts and accessories to the extent necessary for inspection.	Pass
• Visually check for any damage, distortion, corrosion, wear, missing parts, or cracks	Pass
• Visually check & MPI as per manufacture’s recommendations	Pass
• NDE and check for fatigue cracks and measure the wear of the friction disks	Pass
• Check the braking pads for their condition and wear	Pass
• NDE each safety and service caliper frames and caliper bodies.	Pass
• Replace the disc springs once every 1 year	Pass
• Upon completion, clean all the friction surfaces in preparation for re-assembly	Pass
• Complete and submit the inspection report	Pass



1. drum 2. friction disc 3. caliper frame 4. service caliper 5. safety caliper 6. base

Figure 1 Braking Actuating Mechanism



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
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Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

1. brake pad
2. steel backing
3. lever
4. support lever
5. service caliper cylinder
6. reset extension spring
7. shaft pin I
8. shaft pin II
9. shaft pin III

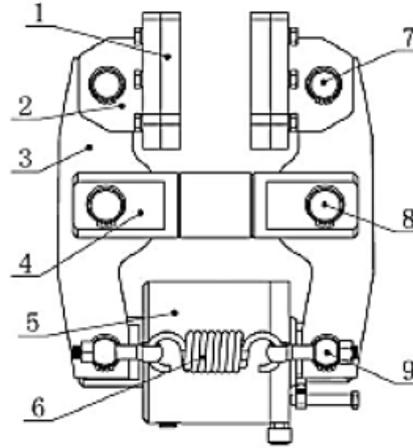
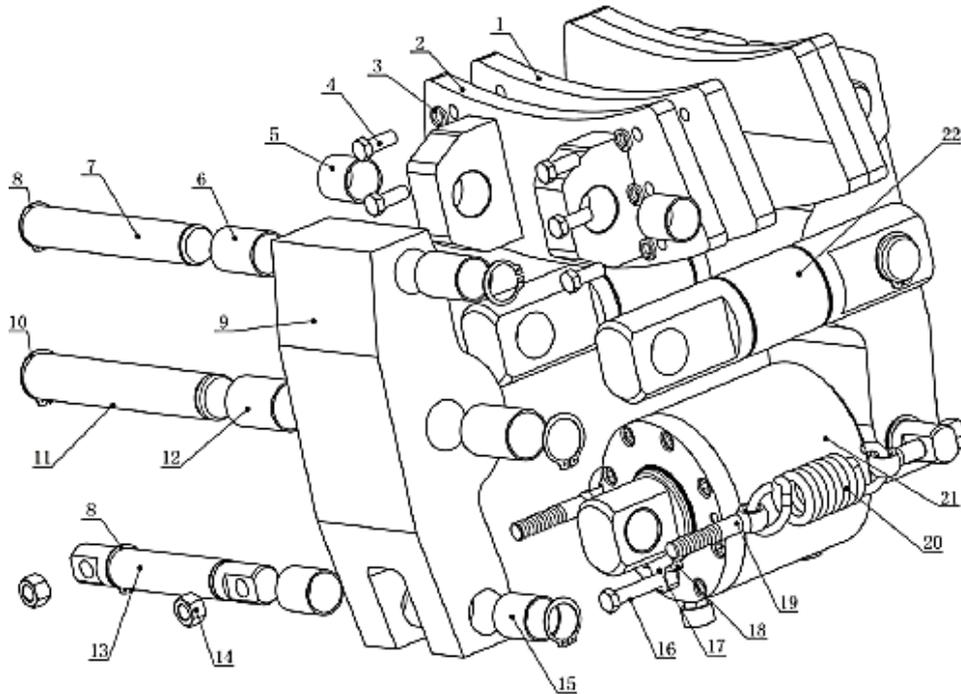


Figure 2 Service Caliper





Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

1. brake pad
2. steel backing
3. lever
4. support lever
5. safety caliper cylinder
6. shaft pin I
7. shaft pin II
8. shaft pin IV

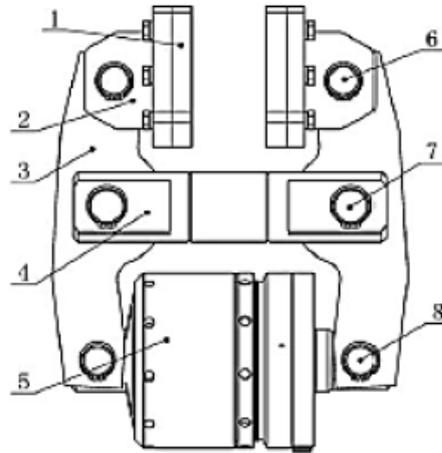
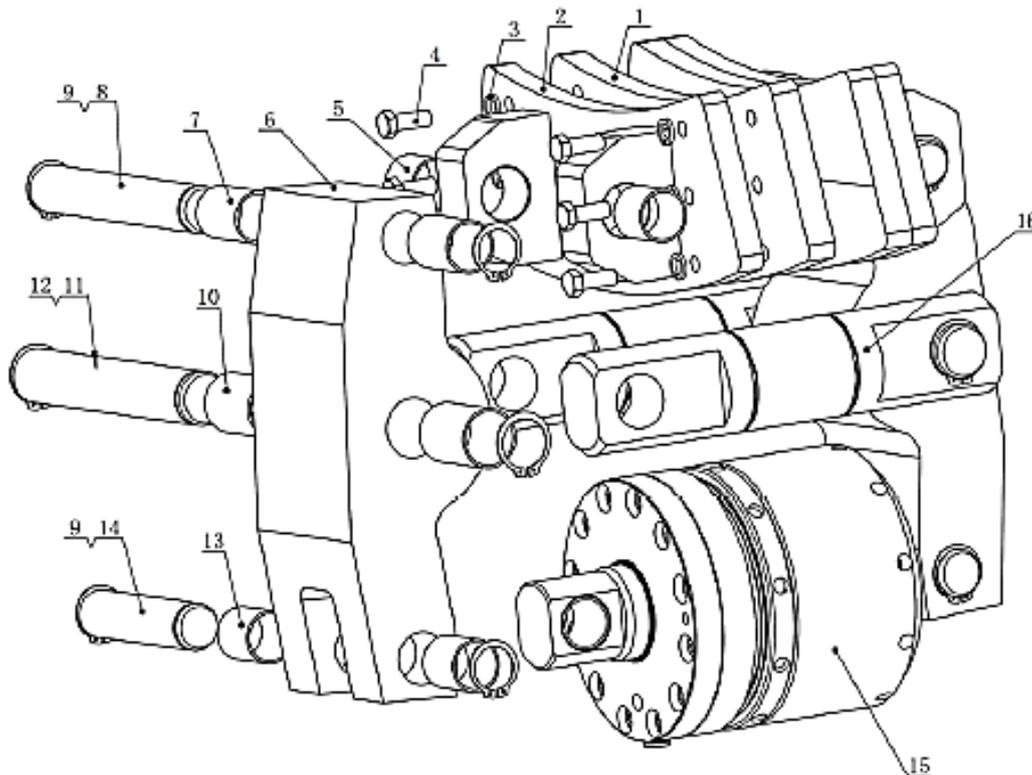


Figure 3 Safety Caliper





Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

DESCRIPTION	MEASURED VALUES	OEM VALUES	RESULT
Wear of right friction disk	0.46 mm/each side	10 mm max.	Accepted
Wear of left friction disk	0.30 mm/each side	10 mm max.	Accepted

DESCRIPTION	MEASURED VALUES	OEM VALUES	RESULT
The thickness of brake pad No.1	22.27 mm	12 mm min	Accepted
The thickness of brake pad No.2	22.48 mm	12 mm min	Accepted
The thickness of brake pad No.3	22.36 mm	12 mm min	Accepted
The thickness of brake pad No.4	22.25 mm	12 mm min	Accepted
The thickness of brake pad No.5	22.21 mm	12 mm min	Accepted
The thickness of brake pad No.6	22.29 mm	12 mm min	Accepted
The thickness of brake pad No.7	22.33 mm	12 mm min	Accepted
The thickness of brake pad No.8	22.27 mm	12 mm min	Accepted
Check that all the disk springs have been replaced annually by original ones			Accepted

** Visual And MPI tests were Carried out on the critical areas and load bearing components of the braking system and Found **Satisfactory for Further Use**.

** CAT III Inspection Was Carried Out on the Brake system and Found **Accepted** At The Time of Inspection

Inspector:	Hasan Omran 	Supervisor:	Majd Doyoub 
OEM:			





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Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-1
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Serial Number	Description of the examined equipment	Result
18-01	Levers	Pass
S/N:	23+24+25+26+27+28+29+30	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-2
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Serial Number	Description of the examined equipment	Result
18-01	Supporting arms	Pass
S/N:	5 + 6 + 7 + 8 + 9 + 12 + 13 + 14	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items n and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-3
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Serial Number	Description of the examined equipment	Result
18-01	pins	Pass
S/N:	31+32+33+34+35+36+37+38	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-4
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Serial Number	Description of the examined equipment	Result
18-01	pins	Pass
S/N:	39+40+41+42	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-5
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Serial Number	Description of the examined equipment	Result
18-01	pins	Pass
S/N:	43+44+45+46+47+48+49+50	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-6
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Serial Number	Description of the examined equipment	Result
18-01	pins	Pass
S/N:	51+52+53+54	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-7
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Serial Number	Description of the examined equipment	Result
18-01	Safety caliper cylinders	Pass
S/N:	3 + 4	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-8
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Serial Number	Description of the examined equipment	Result
18-01	Service caliper cylinders	Pass
S/N:	1 + 2	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-9
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Serial Number	Description of the examined equipment	Result
18-01	Springs (6-Months old)	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Fluorescent Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
Fluorescent Ink	FLUXO 6	Batch No:	L221115	Exp. Date	15-11-2027
Black Light	Black LED light	Serial No:	87611	Due Date	27-12-2024

NDT procedure

Visual inspection & MPI by Fluorescent particles were carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-10
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Serial Number	Description of the examined equipment	Result
18-01	Brake pads	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
Vernier Caliper	Digital Vernier Caliper	Serial No:	07414292	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual check and Dimensional measurements were carried out for the above described-items and found free of surface defects, and within OEM dimensional tolerances at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-11
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Serial Number	Description of the examined equipment	Result
18-01	Adjusting screws	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Fluorescent Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
Fluorescent Ink	FLUXO 6	Batch No:	L221115	Exp. Date	15-11-2027
Black Light	Black LED light	Serial No:	87611	Due Date	27-12-2024

NDT procedure

Visual inspection & MPI by Fluorescent particles were carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-12
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Serial Number	Description of the examined equipment	Result
18-01	Steel brake shoes	Pass
S/N:	15+16+17+18+19+20+21+22	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-13
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Serial Number	Description of the examined equipment	Result
18-01	Caliper frames	Pass
S/N:	10 + 11	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
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Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-14
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Serial Number	Description of the examined equipment	Result
18-01	Bolts (connecting caliper frame to its base on carrier)	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Fluorescent Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
Fluorescent Ink	FLUXO 6	Batch No:	L221115	Exp. Date	15-11-2027
Black Light	Black LED light	Serial No:	87611	Due Date	27-12-2024

NDT procedure

Visual inspection & MPI by Fluorescent particles were carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-100	Job Number:	ATS-09-24-4307
Date of Examination:	22-09-2024	Date of Report:	22-09-2024	Certificate No:	ATS-09-24-4307-DWB-001-15

Serial Number	Description of the examined equipment	Result
18-01	Friction disk and caliper frame base	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L – CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

NDT procedure

Visual and MPI carried out for the above described-items and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025



Customer:	Hilong Oil Services & Engineering	Date Of Service:	22-09-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-09-24-4307-DWB-001
Location & Rig Number:	R026 / RIG: HL-100	Specification:	API RP 7L

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-99	Job Number:	ATS-09-24-4292
Date of Examination:	15-09-2024	Date of Report:	15-09-2024	Certificate No:	ATS-09-24-4292-DWB-001-16

Serial Number	Description of the examined equipment	Result
18-01	Friction disk (thickness and wear)	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 7L-CAT III & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Pit Gauge	Digital Pit Gauge	Serial Number:	97594	Due Date:	27-12-2024
Thickness Meter	UT Thickness Gauge	Serial Number:	05058473	Due Date:	27-12-2024

NDT procedure

Wear & Thickness Measurements were carried out for the above described-items and found within OEM Tolerances

Identification of any part found to have a defect and a description of the defect: **None**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **None**

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		21-03-2025