

Risk assessment

No.	Hazards in line with EN 14121		Description of risks	Risk mitigation
	No.	Designation		
All phases of lifecycle				
1	8.6	Human error	Risk due to failure to observe the operating manual, risk assessment and documentation.	<p>Every person involved with working with or on the gear unit must have read and understood, and must observe the entire operating instructions, risk assessment and documentation. Eisenbeiss shall not be held responsible for damage and interruptions to operations caused by failure to observe the operating manual and/or documentation.</p> <p>Improper use or operator error may lead to fatal or serious injury, minor injury, damage to property and environmental damage. Observe all warnings and safety instructions!</p> <p>In all phases of the gear unit's life cycle, observe applicable legislation on occupational safety and environmental protection.</p>
2	8.6	Human error	Danger due to unqualified staff.	All work on the gear unit must be performed by qualified and professional staff.
3	8.6	Human error	Danger to lack of information in the operating manual.	This operating manual and risk assessment have be compiled with all due diligence. Should you require any additional information, please contact: Eisenbeiss GmbH.
4	1.3.3	Cutting, severing, stabbing or puncture	Danger due to contact with sharp edges and/or sharp corners.	Make sure that hazardous areas, corners, edges etc. are covered.
5	10 1.3.5	Seizing, winding Dragging in, catching or crushing	<p>Unexpected start-up, unexpected rotation.</p> <p>Danger due to rotating parts (drive, output shafts).</p>	<p>In all phases of the gear unit's lifecycle, ensure that no danger can emanate from moving and rotating parts (e.g. shafts, couplings, ventilators etc.).</p> <p>This means that required touch protection must be in place, or dangerous proximity must be ruled out.</p>
6	19	Tripping, falling	Danger due to oil escaping. (leaks on the gear unit)	Clear up oil spills immediately using oil binder and dispose of in line with applicable waste disposal regulations.



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7	19	Tripping, falling	Danger due to projecting parts.	Cover protruding parts, apply marking as needed.
8	7.1	Skin damage	Danger due to contact with gear unit oil.	Never allow oil to touch the skin (e.g. operating staff's hands). Observe the safety instructions in the data sheets provided with the oil deployed! When working with gear unit oil, always wear protective gloves.
9	38	Environmental hazards	Danger due to oil escaping (leaks on gear unit).	Use an oil catchment sump. Check the gear unit for tightness every x days. Secure all oil drain taps against inadvertent opening. If you use an oil inspection glass to check the oil fill level, protect the glass against damage. Any oil that escapes must be cleaned up with oil binder without delay.
10	19	Persons stumbling or falling	Danger due to using pipes as a handhold or mounting aid.	Never use piping as a handhold or mounting aid, as the piping is not designed for this purpose and this action could cause accidents involving persons.
11	37	Human error	Danger due to failure to observe the operating manual and/or purchased components (oil units, couplings etc.).	Always observe all operating manuals and/or installation instructions provided with the documentation.
12	37	Human error	Danger due to changing safety labels.	The owner/operator must maintain all of the plant's safety labels and not change the positions of or remove the labels.
13	37	Human error	Danger due to incorrect behaviour in case of danger.	Behavior in case of danger must comply with general accident prevention regulations and the documentation for the plant.
14	1	Mechanical risks	Danger due to missing safety devices on drive parts.	Rotating drive parts such as couplings, toothed wheels or belt drives must be protected against touching by means of suitable safety devices.



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Transport				
15	18	Loss of stability/toppling of the gear unit	Danger due to faulty load tie-downs on heavy goods vehicles.	The gear unit must be secured on the goods vehicle using suitable means.
16	18	Loss of stability/toppling of the gear unit	Danger due to incorrect unloading of the gear unit from the goods vehicle.	<p>The driver must be qualified to drive a fork lift. Before lifting the gear unit, make sure that all persons have left the fork lift's working area. Insert the forks of the fork lift between the longitudinal struts on the wooden pallet.</p> <p>CAUTION! Heavy loads can drop and cause serious injuries!</p>
17	1.3.1 1.3.6	Crushing, knocks	Danger due to incorrect transportation of the gear unit.	<p>Transport the gear unit carefully to avoid injury to persons and damage to the gear unit.</p> <p>Keep out of the danger area.</p> <p>Any weights quoted are to be understood as approximations.</p> <p>Lifting eyes on the gear unit are design to bear the weight of the gear unit only; you must not use them to lift additional loads.</p> <p>The threading at the shaft ends must not be used to attach ring screws for transportation.</p> <p>Do not use the piping for transportation purposes.</p> <p>Transport the gear unit without filling with oil.</p> <p>During transportation make sure that lifting gear and equipment possess sufficient load bearing ability and stability!</p> <p>Staff must wear suitable safety shoes.</p>
18	1	Mechanical risks	Danger due to possible damage to the gear unit during transport.	In case of damage, you must not operate the gear unit.
19	1.3.6	Danger of knocks	Danger due to shrinking disks or couplings at shaft ends.	In case of types with shrinking disk and/or coupling, secure this axially before transportation.



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Commissioning				
20	18	Loss of stability/toppling of the gear unit	Danger due to incorrect storage of the gear unit prior to installation (commissioning).	Store the gear unit in a stable position and safely prior to installation or during warehousing.
21		Environmental hazards	Danger due to improper disposal of packing.	Observe environmental protection regulations.
22	17	Falling objects	Danger due to parts falling from the gear unit (e.g flat wrenches etc.).	Wear suitable protective gear to mitigate the danger to persons due to falling parts. Do not place tools or other parts on the gear unit.
23	8.3	Risk due to negligent use of safety equipment	Danger due to remedying of possible damage to shaft ends (prior to fitting the coupling) and mounting surfaces.	Always wear suitable protective gear!
24	3.1	Scalding	Danger due to hot gear unit oil spraying out.	Observe the maintenance instructions for the gear unit. Observe the operating manuals for the purchased components (oil units, pumps). Never run the gear unit without a vent valve.
25	3.1	Burns	Danger due to hot surfaces (housing, pipes, shafts, oil supply unit).	Depending on operating conditions, the gear unit's surface temperatures can be dangerously hot and thus cause burns. Wear protective gear, e.g. protective gloves. Allow the gear unit to cool before starting any work.
26	16	Breakage during operation	Danger due to breakage of toothed components, shafts, bearings... .	Do not exceed the technical specifications as listed in the data sheet. Failure to observe this precaution can cause the shaft to break and thus endanger life and limb. Do not stress the gear unit with output, torque, speeds or external loads that exceed its design specifications (see technical data sheet). We do not accept liability for any parts except for original spare parts supplied by us. Non original spare parts have not been checked or approved by us. Modifying the design characteristics of the gear unit will impact the unit's active and/or passive safety. Any liability and guarantee by EISENBEISS for damage caused by failure to use original spare parts is ruled out. This applies to all accessories not supplied by EISENBEISS.



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27	7.1	Contact with toxic liquids	Danger due to contact with de-preservation agents, cleaning agents, gear unit oils.	Safety measures for the products used are listed in the safety sheets and must be observed.
28		Environmental hazards	Danger due to shaft seal leaks caused by cleaning with unsuitable cleaning agent (e.g gasoline).	Avoid contact between cleaning agents (e.g gasoline) and shaft seals. Make sure that the cleaning agent is compatible with the sealing materials used NBR, FPM/FKM and similar! Never use pressure cleaners!
29	7.2	Explosion	Danger due to removing the anti-corrosion protection with e.g. gasoline.	Ensure sufficient ventilation. Avoid fire. Explosion hazard! Safety measures for the products used are listed in the safety sheets and must be observed.
30	3.1	Burns	Danger due to hot coupling on fitting/removing the coupling.	Wear fire-proof gloves. Protect yourself against burns on hot parts! Attach warning sign (CAUTION! Hot surface) . Never touch the coupling during the cool down phase! Observe the coupling manufacturer's operating manual and/or installation instructions!
31	1.3.1	Crushing	Danger due to improper assembly or disassembly of heavy parts (couplings etc.).	Observe disassembly instructions for purchased components. Should you require any additional information on assembly or disassembly, please contact: Eisenbeiss GmbH.
32	8.3	Risk due to negligent use of safety equipment	Danger due to cleaning the gear unit with compressed air.	Added caution is required when cleaning with compressed air. Always wear suitable protective gear! Do not use compressed air for cleaning the shaft seal area as this can cause leaks.
33		Environmental hazards	Danger due to cleaning the shaft seal area with compressed air.	Compressed air can damage the gear unit's seals and thus lead to leaks. Do not blow flanges and shafts with compressed air during cleaning.
34	8.6	Human error	Danger due to improper commissioning (general).	Do not commission the gear unit without observing the operating manual and/or documentation.



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35	7.2	Fire hazard	Danger due to improper commissioning of the heating elements in the gear unit.	Before commissioning the heating elements, make sure that the gear unit is correctly filled with oil. Danger of fire! Observe operating manuals for purchased components.
36	15	Incorrect installation	Danger due to improper fitting of the gear unit on the machine.	The manufacturer will not accept any liability for operational safety and injury to persons in case of accidents and damage caused by failure to observe safety instructions, improper methods, or improper use.
37	7.2	Fire hazard	Danger due to leaks on the gear unit.	Before commissioning check all piping, shaft seals, oil inspection glasses for tightness. Avoid fire in the vicinity of the gear unit as this could cause a fire hazard in case of oil mist and oil leaks. Observe maintenance intervals!
38	4.1 4.2	Noise hazard	Danger due to noise emission above 80dB.	The noise emission levels can exceed 80dB in some cases. Wear hearing protection! The owner/operator must measure the noise emission levels for the whole plant, implement appropriate measures, and require the wearing of hearing protection.
39	8.6	Human error	Danger due to running the gear unit in the wrong direction.	Observe directions of rotation in line with the technical data sheet, direction arrows and/or drawings.
40	17	Expulsion of parts	Danger due to trial run without connecting elements (couplings etc.).	In case of trial run without accessories, secure the fitting keys at the shaft ends against being expelled.
41	7.2	Fire or explosion hazard	Danger due to build-up of oil mist in the gear unit.	Oil mist builds up in the gear unit. Open flame in the vicinity of gear unit openings is thus dangerous. Risk of fire or explosion.
42	1.3.4	Seizing, winding	Danger due to ventilators on the gear unit.	Do not remove the ventilator hood! Do not reach into the ventilator hood!
43		Environmental hazards	Danger due to open vent valve.	Never run the gear unit without a vent valve as an oil leak will otherwise occur.



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44	1.3.1	Crushing	Danger due to backstop failure.	If gear units are fitted with backstops, you must ensure that no risk to staff or of damage to property can occur in case of backstop failure. The backstop is not suitable as a safeguard during maintenance and repair work; additional mechanical safeguards are required in this case.
45	1.3.9 3.1	Danger due to ejected liquids, scalding	Danger due to damaged piping.	In case of damaged piping, contact the manufacturer for further instructions, or call in qualified experts and/or trained staff to remedy the issue!
46	15	Incorrect installation (commissioning)	Danger due to incorrect anchoring of the gear unit on the machine.	Use only the anchoring drill holes provided to anchor the unit. The owner/operator is responsible for anchoring the unit safely. The owner/operator is responsible for anchoring the unit.
47	15	Incorrect installation (commissioning)	Danger due to failure to integrate the gear unit with the overall safety concept of the plant's emergency stop circuit.	The owner/operator must fit the following safety equipment: integration of gear unit with the plant's emergency stop circuit integration of the gear unit with the plant's safety concept integration of the gear unit with central grounding.
48	1	Mechanical risk	Danger due to unusable screws.	Replace unusable screws with new screws of the same strength class and type.
49	1	Mechanical risks	Danger due to visible damage to the gear unit.	In case of visible damage, you must not operate the gear unit.
50	15	Incorrect installation	Danger due to incorrect tightening of anchoring screws or nuts.	Tighten anchoring screws or nuts with the prescribed tightening torque.



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Operation				
51	3.1	Scalding	Danger due to hot gear unit oil spraying out.	<p>Observe the maintenance instructions for the gear unit.</p> <p>Observe the data sheets/operating manuals for the purchased components (oil units, pumps).</p> <p>Never run the gear unit without a vent valve.</p>
52	3.1	Burns	Danger due to hot surfaces (housing, pipes, shafts, oil supply unit...).	<p>Warning labels on the gear unit</p> <p>Depending on operating conditions, the gear unit's surface temperatures can be dangerously hot and thus cause burns.</p> <p>Wear protective gear, e.g. protective gloves.</p> <p>Allow the gear unit to cool before starting any work.</p>
53	16	Breakage during operation	Danger due to breakage of toothed components, shafts, bearings... .	<p>Do not exceed the technical specifications as listed in the data sheet.</p> <p>Failure to observe this precaution can cause the shaft to break and thus endanger life and limb.</p> <p>Do not stress the gear unit with output, torque, speeds or external loads that exceed its design specifications (see technical data sheet).</p> <p>We do not accept liability for any parts except for original spare parts supplied by us. Non original spare parts have not been checked or approved by us. Modifying the design characteristics of the gear unit will impact the unit's active and/or passive safety. Any liability and guarantee by EISENBEISS for damage caused by failure to use original spare parts is ruled out. This applies to all accessories not supplied by EISENBEISS.</p>
54	7.2	Fire hazard	Danger due to leaks on the gear unit.	<p>Before commissioning check all piping, shaft seals, oil inspection glasses for tightness.</p> <p>Avoid fire in the vicinity of the gear unit as this could cause a fire hazard in case of oil mist and oil leaks.</p> <p>Observe maintenance intervals!</p>
55	4.1 4.2	Noise hazard	Danger due to noise emission above 80dB.	<p>The noise emission levels can exceed 80dB in some cases. Wear hearing protection!</p> <p>The owner/operator must measure the noise emission levels for the whole plant, implement appropriate measures, and require the wearing of hearing protection.</p>
56	8.6	Human error	Danger due to running in the wrong direction.	<p>Observe directions of rotation in line with the technical data sheet, direction arrows and/or drawings.</p>



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57	7.2	Fire or explosion hazard	Danger due to build-up of oil mist in the gear unit.	Oil mist builds up in the gear unit. Open flame in the vicinity of gear unit openings is thus dangerous. Risk of fire or explosion.
58	1.3.4	Seizing, winding	Danger due to ventilators on the gear unit.	Do not remove the ventilator hood! Do not reach into the ventilator hood!
59		Environmental hazards	Danger due to open vent valve.	Never run the gear unit without a vent valve as an oil leak will otherwise occur.
60	1.3.1	Crushing	Danger due to backstop failure.	If gear units are fitted with backstops, you must ensure that no risk to staff or of damage to property can occur in case of backstop failure. The backstop is not suitable as a safeguard during maintenance and repair work; additional mechanical safeguards are required in this case.
61	1.3.9	Danger due to ejected liquids, scalding	Danger due to damaged piping.	In case of damaged piping, contact the manufacturer for further instructions, or call in qualified experts and/or trained staff to remedy the issue!

Maintenance

62	1.3.1 1.3.6	Crushing, knocks	Danger due to incorrect lifting of the gear unit.	<p>Transport the gear unit carefully to avoid injury to persons and damage to the gear unit.</p> <p>Keep out of the danger area.</p> <p>Any weights quoted are to be understood as approximations.</p> <p>Lifting eyes on the gear unit are design to bear the weight of the gear unit only; you must not use them to lift additional loads.</p> <p>The threading at the shaft ends must not be used to attach ring screws for transportation.</p> <p>Do not use the piping for transportation purposes.</p> <p>Transport the gear unit without filling with oil.</p> <p>During transportation make sure that lifting gear and equipment possess sufficient load bearing ability and stability!</p> <p>Staff must wear suitable safety shoes.</p>
63	17	Falling objects	Danger due to parts falling from the gear unit (e.g flat wrenches etc.).	Wear suitable protective gear to mitigate the danger to persons due to falling parts. Do not place tools or other parts on the gear unit.



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64		Environmental hazards	Danger due to improper disposal of gear unit oil.	<p>Dispose of lubricating and gear unit oil in line with local regulations and the laws applicable in the country of deployment.</p> <p>Observe the safety data sheets for hazardous substances. The owner/operator must include the safety data sheet for hazardous materials with the documentation for the plant.</p>
65	3.1	Scalding	Danger due to hot gear unit oil spraying out.	<p>Observe the maintenance instructions for the gear unit.</p> <p>Observe operating manuals for purchased components (oil units, pumps).</p> <p>Never run the gear unit without a vent valve.</p>
66	3.1	Scalding	Danger due to hot oil escaping during oil change.	<p>Allow the gear unit to cool before starting any work. Wear oil-proof gloves.</p> <p>Danger of scalding due to hot oil escaping. Wear protective gloves.</p>
67	3.1	Burns	Danger due to hot surfaces (housing, pipes, shafts, oil supply unit...).	<p>Depending on operating conditions, the gear unit's surface temperatures can be dangerously hot and thus cause burns.</p> <p>Wear protective gear, e.g. protective gloves.</p> <p>Allow the gear unit to cool before starting any work.</p>
68	16	Breakage during operation	Danger due to breakage toothed components, shafts, bearings... .	<p>Do not exceed the technical specifications as listed in the data sheet.</p> <p>Failure to observe this precaution can cause the shaft to break and thus endanger life and limb.</p> <p>Do not stress the gear unit with output, torque, speeds or external loads that exceed its design specifications (see technical data sheet).</p> <p>We do not accept liability for any parts except for original spare parts supplied by us. Non original spare parts have not been checked or approved by us. Modifying the design characteristics of the gear unit will impact the unit's active and/or passive safety. Any liability and guarantee by EISENBEISS for damage caused by failure to use original spare parts is ruled out. This applies to all accessories not supplied by EISENBEISS.</p>
69		Environmental hazards	Danger due to shaft seal leaks caused by cleaning with unsuitable cleaning agent (e.g gasoline).	<p>Avoid contact between cleaning agents (e.g gasoline) and shaft seals.</p> <p>Make sure that the cleaning agent is compatible with the sealing materials used NBR, FPM/FKM and similar!</p> <p>Never use pressure cleaners!</p>



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70	3.1	Burns	Danger due to hot coupling on fitting/removing the coupling.	Wear fire-proof gloves. Protect yourself against burns on hot parts! Attach warning sign (CAUTION! Hot surface) . Never touch the coupling during the cool down phase!
71	1.3.1	Crushing	Danger due to improper assembly or disassembly of heavy parts (couplings etc.).	Observe disassembly instructions for purchased components. Should you require any additional information on assembly or disassembly, please contact: Eisenbeiss GmbH.
72	1.3.5	Dragging in, catching or crushing	Danger due to rotating parts (drive, output shafts, toothed wheels etc.).	The gear unit must always be disabled before commencing repairs or maintenance work. Secure the drive unit against unintentional activation. Display a warning sign at the switch!
73	8.3	Risk due to negligent use of safety equipment	Danger due to cleaning the gear unit with compressed air.	Added caution is required when cleaning with compressed air. Always wear suitable protective gear!
74		Environmental hazards	Danger due to cleaning the shaft seal area with compressed air.	Compressed air can damage the gear unit's seals and thus lead to leaks. Do not blow flanges and shafts with compressed air during cleaning.
75	7.2	Fire hazard	Danger due to leaks on the gear unit.	Avoid fire in the vicinity of the gear unit as this could cause a fire hazard in case of oil mist and oil leaks.
76	4.1 4.2	Noise hazard	Danger due to noise emission above 80dB.	The noise emission levels can exceed 80dB in some cases. Wear hearing protection! The owner/operator must measure the noise emission levels for the whole plant, implement appropriate measures, and require the wearing of hearing protection.
77	1.3.1	Crushing	Danger due to backstop failure.	If gear units are fitted with backstops, you must ensure that no risk to staff or of damage to property can occur in case of backstop failure. The backstop is not suitable as a safeguard during maintenance and repair work; additional mechanical safeguards are required in this case.
78	1.3.9 3.1	Danger due to ejected liquids, scalding	Danger due to damaged piping.	In case of damaged piping, contact the manufacturer for further instructions, or call in qualified experts and/or trained staff to remedy the issue!

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79	10.2	Re-enabling of power supply after interruption (maintenance)	Danger due to the gear unit starting up unexpectedly during maintenance work.	The control unit for the plant (see owner/operator's overall documentation) must be designed so that the unit will not reactivate autonomously in case of failure/restoration of the power supply after an interruption.
80	1	Mechanical risk	Danger due to unusable screws.	Replace unusable screws with new screws of the same strength class and type.
Storage, decommissioning				
81	3.1	Scalding	Danger due to hot gear unit oil spraying out.	Observe the maintenance instructions for the gear unit. Observe the data sheets/operating manuals for the purchased components (oil units, pumps). Never run the gear unit without a vent valve.
82	3.1	Burns	Danger due to hot surfaces (housing, pipes, shafts, oil supply unit...).	Depending on operating conditions, the gear unit's surface temperatures can be dangerously hot and thus cause burns. Wear protective gear, e.g. protective gloves. Allow the gear unit to cool before starting any work.
83	16	Breakage during operation	Danger due to breakage toothed components, shafts, bearings... .	Do not exceed the technical specifications as listed in the data sheet. Failure to observe this precaution can cause the shaft to break and thus endanger life and limb. Do not stress the gear unit with output, torque, speeds or external loads that exceed its design specifications (see technical data sheet). We do not accept liability for any parts except for original spare parts supplied by us. Non original spare parts have not been checked or approved by us. Modifying the design characteristics of the gear unit will impact the unit's active and/or passive safety. Any liability and guarantee by EISENBEISS for damage caused by failure to use original spare parts is ruled out. This applies to all accessories not supplied by EISENBEISS.
84	1.1.3	Dangers due to mass and stability	Danger due to loss of stability when stacking gear units one on top of another.	Do not stack gear units on top of one another. Store the gear unit in a stable position and safely after disassembly.
85	8.3	Risk due to negligent use of safety equipment	Danger due to cleaning the gear unit with compressed air.	Added caution is required when cleaning with compressed air. Always wear suitable protective gear!





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86		Environmental hazards	Danger due to cleaning the shaft seal area with compressed air.	Compressed air can damage the gear unit's seals and thus lead to leaks. Do not blow flanges and shafts with compressed air during cleaning.
87	7.2	Fire hazard	Danger due to leaks on the gear unit.	<p>Before commissioning check all piping, shaft seals, oil inspection glasses for tightness. Avoid fire in the vicinity of the gear unit as this could cause a fire hazard in case of oil mist and oil leaks.</p> <p>Observe maintenance intervals!</p>
88	1.3.9 3.1	Danger due to ejected liquids, scalding	Danger due to damaged piping.	In case of damaged piping, contact the manufacturer for further instructions, or call in qualified experts and/or trained staff to remedy the issue!
89	17	Falling objects	Danger due to parts falling from the gear unit (e.g flat wrenches etc.).	Wear suitable protective gear to mitigate the risk of injury to persons due to falling parts. Do not place tools or other parts on the gear unit.
90	1	Mechanical risk	Danger due to unusable screws.	Replace unusable screws with new screws of the same strength class and type.

Disposal

91	1.3.1 1.3.6	Crushing, knocks	Danger due to incorrect lifting of the gear unit.	<p>Transport the gear unit carefully to avoid injury to persons and damage to the gear unit.</p> <p>Keep out of the danger area.</p> <p>Any weights quoted are to be understood as approximations.</p> <p>Lifting eyes on the gear unit are design to bear the weight of the gear unit only; you must not use them to lift additional loads.</p> <p>The threading at the shaft ends must not be used to attach ring screws for transportation.</p> <p>Do not use the piping for transportation purposes.</p> <p>Transport the gear unit without filling with oil.</p> <p>During transportation make sure that lifting gear and equipment possess sufficient load bearing ability and stability!</p> <p>Staff must wear suitable safety shoes.</p>
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92	17	Falling objects	Danger due to parts falling from the gear unit (e.g flat wrenches etc.).	Wear suitable protective gear to mitigate the danger to persons due to falling parts. Do not place tools or other parts on the gear unit.
93	3.1	Scalding	Danger due to hot gear unit oil spraying out.	Observe the maintenance instructions for the gear unit. Observe the data sheets/operating manuals for the purchased components (oil units, pumps). Never run the gear unit without a vent valve.
94	3.1	Burns	Danger due to hot surfaces (housing, pipes, shafts, oil supply unit...).	Depending on operating conditions, the gear unit's surface temperatures can be dangerously hot and thus cause burns. Wear protective gear, e.g. protective gloves. Allow the gear unit to cool before starting any work.
95		Environmental hazards	Danger due to improper disposal of gear unit oil, seals, toothed components and shafts etc.	Dispose of lubricating and gear unit oil in line with local regulations and the laws applicable in the country of deployment. Observe the safety data sheets for hazardous substances. The owner/operator must include the safety data sheet for hazardous materials with the documentation for the plant.
96	3.1	Burns	Danger due to hot coupling on fitting/removing the coupling.	Wear fire-proof gloves. Protect yourself against burns on hot parts! Attach warning sign (CAUTION! Hot surface) . Never touch the coupling during the cool down phase!
97	1.3.1	Crushing	Danger due to improper assembly or disassembly of heavy parts (couplings etc.).	Observe disassembly instructions for purchased components. Should you require any additional information on assembly or disassembly, please contact: Eisenbeiss GmbH.
98	8.3	Risk due to negligent use of safety equipment	Danger due to cleaning the gear unit with compressed air.	Added caution is required when cleaning with compressed air. Always wear suitable protective gear! Do not use compressed air for cleaning the shaft seal area as this can cause leaks.

