



Certificate no.:
TAD00001SD

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Miscellaneous

with type designation(s)
Winch HV-3 560

issued to
Kolos Lifting & Inspection AS
Sola, Norway

is found to comply with
DNV-OS-E101 – Drilling facilities, Edition July 2024

Application:
See next page

Issued at **Høvik** on **2025-10-08**
This Certificate is valid until **2030-10-07**.
DNV local unit: **West Norway CMC**
Approval Engineer: **Peder Bendik Møll**

for **DNV**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Winch Kolos HV-560

Application/Limitation

Hydraulic winch WINCH HV-560, for platform lifting	
Min design temperature	-20C
Safe working load SWL, cargo lift	3000kg, all layers
Dynamic amplification factor	1.15
Number of layers	5
Wire diameter	ø16mm
Wire MBL	147kN (minimum)
Winch mount	Horizontal
FEM classification	T5,L2-M5
Not for personnel lifting	

Reference standard DNV-ST-0378

Notes:

1. All load-bearing materials are to be delivered with 3.1 certificates, documenting mechanical properties and chemical composition in accordance with the DNV-ST-0378 Sec.3.
2. The gearbox and brake, Brevini PWD3150/65.7, to be delivered with separate design approval. Minimum brake torque 397Nm
3. Wire with socket and loose gear to be delivered with separate certification.
4. Bolts/screws shall be preloaded according to the manufacturer's recommendations. Foundation bolts to be M16 grade 10.9
5. There shall be always min.5 turns of the wire left on the drum at any conditions.
6. The winch shall be tested in accordance with DNV-ST-0378 Section 14.

Type Approval documentation

Marking of product

Each Winch is to be marked according to DNV-ST-0378 Sec.14.5

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.

Manufactured by:

Kolos Lifting & Inspection

Skvadronvegen 29
450 SOLA
Norway