



NITROGEN PUMP

Dimensions

Length(mm).....: 5230 Width(mm).....: 2740 Height(mm).....: 3275
 Weight (kg).....: 14500
 Lifting/ Transportation.....: Frame with forklift channels and lifting slings. DNV 2.7-1
 Certificate(s) / Serial No:.....: NP-03

Construction year

Built.....: 1999
 Upgraded/rebuilt.....: 2020

Area of use / certification

Onshore/offshore.....: Offshore
 Standard.....: Exde IIA T3, Z-015, Zone II, 83dBa

Flow / Pressure / Volume

Q max (SCF/H).....: 162000
 P-max (bar).....: 690

Connections

Inlet connection.....: 1 ea. Acme 150
 Outlet connection.....: 2" Weco Fig. 1502 female / 1" NPTF

Pump / Engine

Triplex pump.....: NS-181-NF. CS&P Cryogenics 1,375" x 1,625"
 Boost pump.....: CS&P Cryogenics 1,5" x 2,5" x 6"
 Cold-ends.....: CS&P Cryogenics 1,625"
 Vaporizer.....: CS&P Cryogenics Pot
 Motor.....: Detroit diesel 8V-92TA 480 HP, max. 2100 revolutions, IIA T3 Zone II
 Filter LIN suction side.....: Washable strainer
 Fire /Gas central.....: Stahl Exde IIC T5 (Ser. no. 84383)
 230 V 1 phase 50/60 Hz
 Signal to platform at.....: Fire and gas alarm
 Air/Diesel shut down at.....: - Over racing of motor.
 - High temperature on exhaust.
 - High temperature on cooling liquid.
 - Low oil pressure on motor.
 - Low air pressure.
 - Fire alarm
 - Gas alarm.
 - Emergency shut-down.
 - Emergency shut-down from control room.
 - Overpressure nitrogen.

Power supply

Fuse (qty).....: 1 Fuse (A)....: 16
 El.Power1.....: 230 V 1 phase (Hz).....: 50/60 (kW).....:
 (Utility).....: (A).....:

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 350
 Diesel consumption (ltr/hr).....: 100

Additional information

Equipment / Functions.....: - Fixed fire extinguisher PEFS Foam.
- Fire extinguisher 12kg.
- OPS connection.