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AES 15000 VIPER

The AES Viper Series Service Module is a class above the rest. With its on board IQAN computer system and advanced design, the Viper offers a new standard in safety and flexibility. The inbuilt modem allows remote access to monitor performance and to assist fault finding in the field, if required.

All operational functions are computer controlled and coordinated ensuring efficient, accurate delivery of all fuels and lubrications. In addition, allowing the safe lowering or raising of hand rails and cabinet doors. Another great feature is the Viper's Truck Shutdown System which will halt the vehicle's movement if an operational function is not completed correctly.



Increase productivity and safety with a viper.

To find out more contact AES on 1300 AESGROUP or
email enquires@aesgroup.net.au www.aesgroup.net.au

AES 15000 VIPER

SERVICE MODULE FEATURES

- Heavy duty (9) compartment chassis mounted service module, heavy duty steel guards over bogie wheels
- AMS Service Modules come with independent ROPS system designed and fabricated to ISO 3471 / 3449 standards to suit a range of cab over and bonneted vehicle chassis
- Fully sealed dust resistant pump and reel cabinets
- Truck systems controlled by IQAN
- Computer controlled opening and closing of doors, hand rails and steps ensure no heavy lifting or excessive bending
- Digital controlled panels to monitor oil/fuel/coolant delivery, shut off and filter clogging
- Digital controlled screen to monitor all service module open/close functions
- Safety warning screen to monitor all proximity switches
- Electronic tank levelling devices
- Rear/side cameras with in cab split screen
- Water pressure jet wash with 900 litre water tank
- Module paint spec finished in a 2pac white
- Rear recovery tow bar

PUMPS

- One Graco 50:1 high pressure grease pump
- One Graco 10:1 bulk grease pump
- Three Husky double diaphragm pumps for EVAC 3/4", water 1/2", and coolant 1/2"
- One Graco 6-1 high volume oil pumps for gear oil
- Three Graco 3-1 high volume oil pumps for hydraulic and engine oils
- High flow/high pressure diesel pump with 500 ltrs p/min
- High flow/high pressure grease pump

TANK COMPARTMENTS

No1 Diesel	15,000 Litres
No2 Engine Oil	900 Litres
No3 Hydraulic Oil	900 Litres
No4 Gear Oil	900 Litres
No5 Grease	900 Litres
No6 Water	900 Litres
No7 Coolant	900 Litres
No8 EVAC	900 Litres
No9 Spare	900 Litres

HOSES, REELS & NOZZELS

- Wiggins fast-fill diesel fuel system
- Graco 1½" hose reels for diesel
- Graco ¾" hose reels for oil delivery and EVAC suction
- EVAC system fitted with a 4 way valve to allow suction and delivery
- Graco ½" hose reels for coolant, air and water
- Samoa easy grip hand piece with non-drip nozzles for oil dispensing reel
- All reels c/w calibrated digital easy to read dispensing metres

AIR COMPRESSOR AND RETICULATION

- Remote compressor operation BOSS Compressor
- All hose reels and tanks are hard labelled for easy identification
- Independent electric system with lockable isolator
- All systems are air operated
- Compressor stop start accessible from ground level

ELECTRICAL

- Two amber flashing lights with eight LED external service lights
- Three LED compartment work lights inside reel bay cabinet
- Two LED compartment work lights inside pump cabinet
- One LED compartment work light inside rear spare wheel door
- Two reversing lights at rear with dual stop/tail indicator clearance lights
- 24 Volt jump start receptacle
- Reverse alarm starter isolator
- Three emergency stops, one on each side of the module, one mounted on cab dash
- Fully mine spec ROPS, additionally all electrical harnesses are designed to meet stringent mine specs and handle the harsh Australian conditions
- Reversing camera c/w auditable and colour monitor for increased safety

FIRE SUPPRESSION

- Three fire extinguishers: Two 9kg at ground level, one on each side at rear of module. One 1.5kg inside of cab

RAILS, GUARDS AND STEPS

- Top safety rails, guards and steps fitted with anti slip surface to top of module
- All rails, guards and steps manufactured to AS 1657 - 1992

MOUNTING

- All mounting points fitted with spring retained bolts
- Full length chassis timbers fitted between the module and chassis

TRUCK CABIN / CHASSIS

- 8x4 and 8x8 automatic transmission with retarder
- Electrical hour meter
- Independent electrical system with lockable isolator

SIGN WRITING

- All hose, reels and fill points labelled
- Safety signage, compartments, product labels, flammable liquids to meet Australian Standards and mine site requirements

COMMISSIONING

- Pre-delivery operational checks
- Meter calibration and flow rate testing
- Parts book and service manual

OPTIONS

- Compressor/park brake shut off
- Turbo timer
- Pressure relief radiator cap
- 6 point front spring manual grease system
- Aluminium bull bar
- Big Mate GPS system