

# ADD LIFE TO YOUR ENGINE

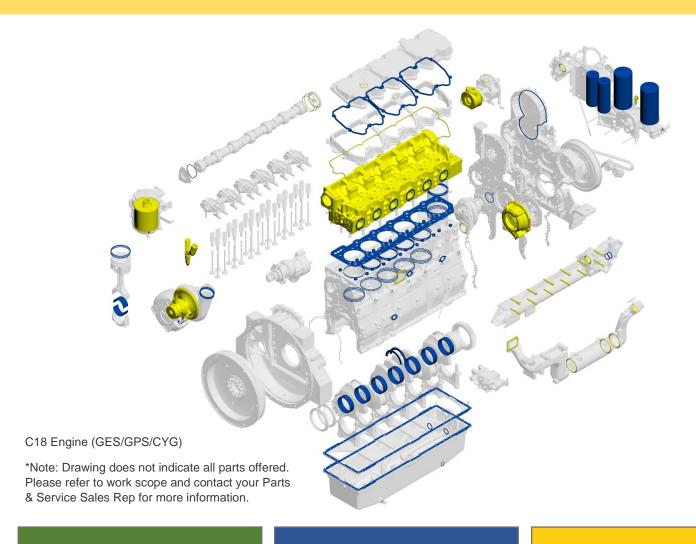
## C18 ENGINE REPAIR OPTIONS

(GES/GPS/CYG)



## ONLY THE BEST FOR YOUR ENGINE

Getting your engine to run optimally can help increase your productivity and get more done at lower cost. That is why at Tractors Singapore, we ensure that you get the best advice and service from our highly skilled dealer specialists to keep your engines performing at its best. Our workshop is well-equipped to provide you with all-round support and we stand by our promise to deliver the best parts and service. Best of all, we offer a 1-year warranty on parts and 6 months warranty on service to show that we mean it.



### HEALTH CHECK & INSPECTION

Quickly diagnose and rectify issues to ensure your engine keeps running

#### TOP END OVERHAUL

Cost-effective repair option for preventive maintenance repair

### TOP & BOTTOM ENGINE OVERHAUL

Bring your engine to the original factory specifications and performance

## YOU CHOOSE.

Our different pre-packaged levels of services are designed for your convenience. Alternatively, you can also customize your own services and parts to your specific needs.

| C18 ENGINE REPAIRS (GES/GPS/CYG)                         | HEALTH<br>CHECK &<br>INSPECTION | TOP END<br>OVERHAUL | TOP & BOTTOM ENGINE OVERHAUL |
|--|---------------------------------|---------------------|------------------------------|
| Visual inspection  | •                               |                     |                              |
| Perform bore scope inspection                            | •                               |                     |                              |
| Perform cylinder cut out test                            | •                               |                     |                              |
| Obtain engine oil sample for analysis                    | •                               |                     |                              |
| Check and adjust valve lash                              | •                               |                     |                              |
| Free spin turbo compress wheel for checking condition    | •                               |                     |                              |
| Remove, install fuel injector                            | (checking)                      | (replacement)       | (replacement)                |
| Remove, install valve mechanism                          | (inspection)                    | (recondition)       | (recondition)                |
| Perform safety devices and alarm test                    | •                               | •                   | •                            |
| Conduct load test by ship load after overhaul completion | •                               | •                   | •                            |
| Remove, install turbocharger cartridge for exchange      |                                 | •                   | •                            |
| Remove, install cylinder head for exchange               |                                 | •                   | •                            |
| Remove, install set (all) unit injector for exchange     |                                 | •                   | •                            |
| Remove, install fuel transfer pump for exchange          |                                 | •                   | •                            |
| Remove, install aftercooler core for replacement         |                                 | •                   | •                            |
| Remove, install lube oil cooler for cleaning and testing |                                 | •                   | •                            |
| Visual inspection of heat exchanger                      |                                 | •                   | •                            |
| Remove, install exhaust manifold for cleaning            |                                 | •                   | •                            |
| Change lube oil and all filters                          |                                 | •                   | •                            |
| Clean and inspect oil, fuel and water lines group        |                                 | •                   | •                            |
| Remove, and replace water temperature regulator          |                                 | •                   | •                            |
| Check engine wiring, harness and sensors                 |                                 | •                   | •                            |
| Remove pistons and liners for inspection on reusability  |                                 |                     | •                            |
| Remove, replace all crankshaft main brgs & con-rod brgs  |                                 |                     | •                            |
| Clean and inspect cylinder block group.                  |                                 |                     | •                            |
| Remove, recondition and install lube oil pump            |                                 |                     | •                            |
| Remove, install fresh water pump for exchange            |                                 |                     | •                            |
| Remove, install sea water pump for exchange              |                                 |                     | •                            |
| Remove, install Air starter motor for exchange           |                                 |                     | •                            |
| Flat Rated SGD (for local labour only)                   | \$2,340                         | \$28,050            | \$45,570                     |

<sup>\*</sup>Terms & Conditions apply. Applicable to specific Cat® models and prefixes and local labour only. Please contact sales representative for overseas labour rates. Lube oil to be supplied by customer. Lifting facility to be provided by customer. Job scope exclude shipyard surcharge and any fabrication and machining works including crankshaft polishing and grinding if required. Transportation and any other add-on charges for additional work scopes or item replacement not listed above are not covered. Tractors Singapore Limited reserves the right to modify or cancel the program anytime. Offer ends 31st Dec 2020.

Please inquire with your Parts & Service Sales representative for more details:

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**LET'S DO THE WORK.** 

Tractors Singapore

