MR cooperates with BRUSH Transformers Limited UK.

MR has recently entered into a global service and distribution agreement with BRUSH Transformers UK. Based on this new partnership we are able to offer you maintenance, repair or replacement solutions for all BRUSH transformers and on-load tap-changers (OLTCS) of the current production portfolio and legacy OLTCS.

You will receive premium service with OEM-trained and certified MR technicians, original spare parts and components from the OEM and if necessary perfect fitting plug & play retrofit solutions.

As of now, the following bolt-on on-load tap-changers can be supported

Current models:
- BRUSH types AT, ATV and AE

Legacy models:
- BRUSH types HSR, HSRD
- Fuller/Hawker Siddeley types F, EH, H, HD, HS
- ATL types AN, AG, ASD, AMD, AT, ATV, AE

Typical maintenance intervals for these on-load tap-changers are recommended as follows:

- Every 3 or 5 years,
- Or at 30,000 or 50,000 operations
- Whichever is reached first
- Depending on fabrication, type designation, production year, application

Details can also be found in the respective manual.

Of course we will also be happy to offer you our personal support. Please contact us and we will propose a detailed maintenance strategy and plan.

YOUR BENEFITS AT A GLANCE
- Premium service by MR with trained and certified technicians by BRUSH
- Consideration of OEMs latest update measures
- Provision of original OEM spare parts
- Plug & Play retrofit solutions
- 2-year warranty on parts and labour
- More than 250 MR service technicians worldwide
- Experience of 6,000 on-load tap-changer main-tenances per year
Known MR scope of services for OLTC service

- Dismounting and mounting of OLTC
- Cleaning, visual inspection of mechanical components
- Visual inspection of insulation distances of the OLTC and the oil compartment/OLTC tank
- Replacement of the insulating oil (new transformer oil with a dielectric strength of > 50 kV/2.5 mm, in compliance with IEC 60156)
- Determination of the contact wear of switching contacts
- Measurement of the transition resistors (where applicable)
- Parts replacement in accordance with manufacturer requirements and/or based on condition
- Inspection of the motor-drive unit, drive shafts and protective devices
- Functional tests & documentation

End of OLTC life-time – no problem

At end of life-time we offer you easy on-load tap-changer retrofit solutions. Together with our experienced service staff it will be possible to carry out the replacement on site in the most time- and cost-effective manner.

- Fuller type F to BRUSH AT
- Fuller type HS to BRUSH AT
- Ferranti type DS2 to BRUSH AT
- Ferranti type DS3 to BRUSH AT
- ATL type AEI to BRUSH AT
- Fuller type HS/HD to BRUSH AE
- ATL type AN, AG, AMD and ASD for MR on-load tap-changers housed in a bolt-on tank

If you are interested, we can realize all works in a turnkey solution, including oil handling, welding and crane work. Easy, uncomplicated, relaxed for you.

Also below transformer makes are included in the cooperation

- BRUSH Transformers (BTL)
- South Wales Transformers (SWT)
- Hawker Siddeley Power Transformers (HSPT)

Recommendations regarding additional services for your transformers

All works can be easily combined with regular transformer condition assessment, for which we recommend:

- Oil sampling and testing incl. detailed analysis of the results
- Thermography
- Visual inspection
- Regular electrical testing if needed
- Regular check of all transformer components
- Replacement of any components on the transformer

These assessment results can be analyzed and interpreted with our FLEETSCAN 2D assessment model, which provides a structured report including recommendations for subsequent actions.

Your one stop transformer service shop

Less handling and coordination effort for you

Get in contact with us – we are happy to serve you.

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