

Version 10.4.4

12.07.2019

ID	Severity	Category	Summary
10216	minor	Main dimensions impeller	Wrong inlet interface values after loading
10219	minor	Meridional contour	Unexpected hub-solid contour self intersecting error
10176	major	Main dimensions impeller	Get Inlet/Outlet dimensions from neighboring components feature does not work for standard example project.
10217	minor	Main dimensions stator	Wrong calculation b/d-ratio values for turbine projects.
10240	crash	Blade properties	Loading unique airfoil profiles with duplicate names, this corrupts the "profile handler"s internal state.
10233	minor	3D data	Surface names are different when exporting in interactive vs. batch mode
10174	minor	Meridional contour	Radial Ventilator with splitters has ill defined initial Meridional Contour Design Step.
10232	major	Meridional contour	Hub solid cannot be created for specific example
10228	minor	Volute spiral	Double volute fails if wrap angle is too low
10195	minor	Volute inlet	Volute inlet diamter is missing as parameter for DoE/ optimization
10205	tweak	Mean lines	Blade surface values: add w2PS/w1 in table below diagram
10255	tweak	Main dimensions impeller	Informational value of power should be zero in case of failed thermodynamic calculations
10235	minor	Export	STEP-Export: Missing Blade-SuctionSide-Curves, if SpanCount=2
10180	feature	UnitTypes (Physics unit framework)	Additional pressure unit mBar=hPa
10181	feature	UnitTypes (Physics unit framework)	Additional volume flow unit l/h
10196	minor	Volute diffuser	Diffuser length is missing as parameter for DoE/ Optimization
10197	minor	Volute diffuser	Double volute parameter is available for single volute
10220	minor	Fluid	Transport properties cannot be modified
10182	tweak	Mean lines	Grid content for Blade surface values incomplete for splitter

Version 10.4.3

14.06.2019

ID	Severity	Category	Summary
10189	major	Fluid	Legacy CFturbo (version 9.1.8) compressor project failed to initialize Designpoint properly.
10134	major	Export	First point of hub curve is missing when stator is exported to TurboGrid.
10135	major	Export	Opening exported files does not work with TurboGrid INF files.
10148	major	Export	IGG, Solidworks exports blocked by erroneous test.
10160	major	General	Error message about "Neighboring blades intersecting" may be shown erroneously when wrap angles are very large.
9832	minor	Volute cutwater	Simple Cutwaters with large radial offsets may cause crash for very small volutes.
10124	minor	Volute spiral	Information table for circular arc approximation shows corrupted data.
10128	minor	General	CFturbo splash sometimes blocks critical user messages.
10173	minor	Export	Element naming in 3D Modeltree may become corrupted after various export actions.
10120	tweak	Batch mode	Add a warning message when a Batchmode configuration has no export actions at all.
10121	tweak	UnitTypes (Physics unit framework)	Support Rankine temperature unit.
10117	feature	Preferences	Support for enthalpy unit kJ/kg.

Version 10.4.2

10.05.2019

ID	Severity	Category	Summary
10109	crash	Fluid	Access valuation by loading fluid file (without entries)
10082	major	Main dimensions stator	Incorrect default extension of stator between impellers
10101	major	Fluid	Error message at starting of CFturbo if no fluid available
10106	major	Fluid	Error message at starting new project if no fluid available
10091	major	Mean lines	Missing additional view "Blade-to-blade flow"
10092	minor	Mean lines	Solidity wrong in informational values
10086	tweak	Fluid	Calculation of polytropic efficiency not performant
10103	text	Ansys WB Integration	Misspelling in info popup for ANSYS Workbench
10112	text	General	Wrong Fluid properties of "RP nq 52"

Version 10.4.1

15.04.2019

ID	Severity	Category	Summary
10040	crash	General	Clicking into an undocked docking window causes access violation.
10071	major	General	Emergency recovery file feature does not work correctly.
10059	major	Export	Design Report Export does not create an output file.
10049	major	Batch mode	Errors during Batchfile updates cause the project not to be visualized in GUI mode.
10038	major	Global setup	Compressor project (file version 10.2) with non standard gasmodel would not load correctly.
10031	major	Setup	Version 10.3 and 10.4 share same AppID which interferes with parallel installation and upgrade handling.
10070	minor	Volute sections	Bezier control point movement behavior for right side spiral sections is ill defined.
10063	minor	Volute sections	Volute section count does not match "Model settings" for volutes.
10067	minor	Fluid	Newly added gas mixtures behave inconsistently in the "Test Gas properties" dialog.
10062	minor	Export	Simerics: character '\ ' is not allowed for export file names.
10054	minor	Export	Simerics export: Error if component name contains non-alpha-numeric characters.
10046	minor	Export	General geometry Export: absolute meridional length values do not adhere to Export unit settings.
10045	minor	Export	Export of designs with asymmetric blade thickness distrib. are not correctly blocked for CFturbo Exchange, BladeGen and VistaTF.
10044	minor	Blade profiles	Editing profile thickness via control point context menu does not work.
10041	minor	Export	General geometry export: Information for splitter leading edge is missing.
10032	minor	General	Automatic check for CFturbo software updates does not work.