

# PRODUCT OVERVIEW

DST-DEGREEZ® · DERUST® · DST-PAS® · DST-DEBURR®



**DST-CHEMICALS®**  
PURE PERFORMANCE

# Pure Performance

An integrated concept based on careful preparation from investigation and solution to after-sales services. Our success depends on our customers' profits – that's why.

## DEVELOPMENT – ORGANIC AND NATURAL

Chemists and engineers at DST-CHEMICALS' lab work hard every day to develop innovative products.

## ASSESSING REQUIREMENTS – ANALYTICALLY AND ENGAGING

DST-CHEMICALS helps optimise production flows. A thorough review of washing plant and the actual production process. Exact information about challenges as well as the desired result. Oil samples and components for the washing tests are taken to DST-CHEMICALS' Tech Centre in Kolding.

## TEST AND ANALYSIS – THOROUGH AND DETAILED

The product for the customer's application is by no means selected by random. DST-CHEMICALS Tech Centre delivers a full and detailed report documenting a separation test of the oils/emulsions used by the customer against the individual DST-CHEMICALS products.

If possible, the items received from the customer will also be submitted to a test wash. The service Technician will only then decide which product to be set up at the customer. The final choice will be documented in the Product Selector Report.

The analyses of the Tech Centre ensure to you, as the customer, that the result agreed will be achieved and that the conversion to DST-CHEMICALS' product proceeds rapidly and efficiently.

## IMPLEMENTATION – CAREFULLY AND COMPLETELY

Machine cleaning and conversion are handled by experienced Service Technicians from DST-CHEMICALS. 21-day test period with on-going visits and tests.

## SUCCESS – WILLPOWER AND QUALITY

The result agreed in advance is obtained. The staff will be trained in the use of DST-CHEMICALS' products. Agreement for converting additional plants. Agreement for regular service visits.

## SERVICE – VERSATILITY AND FLEXIBILITY

DST-CHEMICALS' Service Technicians make the visits agreed to check the quality of purity, the condition of the bath and the entire washing process in general.



Focus on products for the degreasing  
and cleaning of items

**DST** **DEGREEZ**<sup>®</sup>



# Degreasing & cleaning



- The products have been developed specifically for cleaning this metal. The product will be finally selected following tests at DST-CHEMICALS' Tech Centre.
- The product and oil/emulsion must be tested further as to the application for this metal. The product will be finally selected following tests at DST-CHEMICALS' Tech Centre.

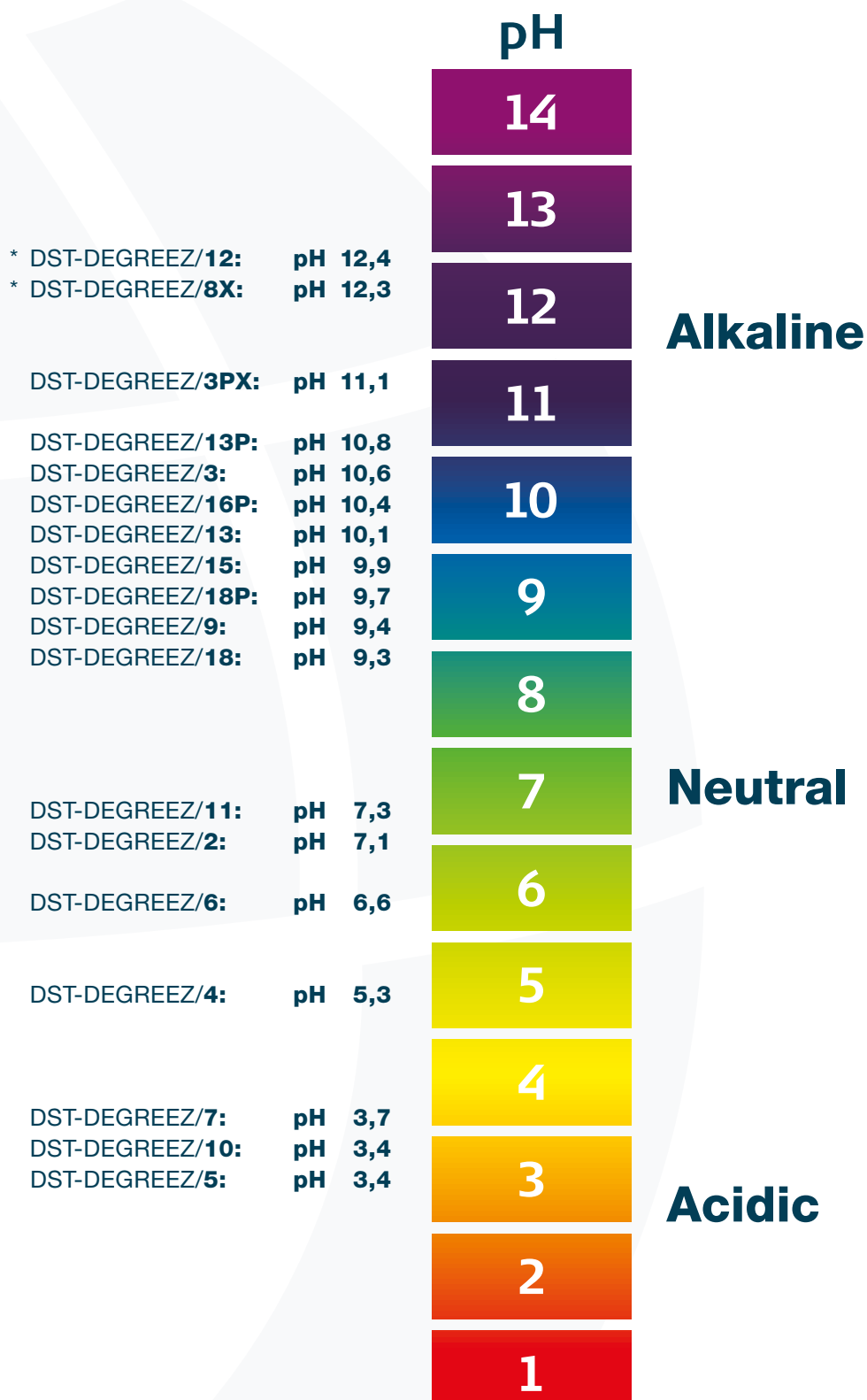
The products from DST-CHEMICALS act strongly demulsifying thus achieving extremely long bath lives and outstanding wash results.

PRODUCT	PH <sup>1</sup>	CONCENTRATION	TEMPERATURE <sup>2</sup>	CORROSION INHIBITION	BRASS	ALUMINIUM	COPPER	ZINC	STEEL	CAST IRON	STAINLESS STEEL	RENOVATION
DST-DEGREEZ/2	7,1	5%	35°C		●	●	●	●	●	●	●	
DST-DEGREEZ/3	10,6	5%	35°C		●	●			●	●	●	
DST-DEGREEZ/3PX	11,1	5%	35°C	●		●			●	●	●	●
DST-DEGREEZ/4	5,3	5%	35°C		●	●	●	●	●		●	
DST-DEGREEZ/5	3,4	5%	35°C		●	●	●				●	
DST-DEGREEZ/6	6,6	5%	35°C		●	●	●	●	●		●	
DST-DEGREEZ/7	3,7	5%	35°C		●	●	●				●	
DST-DEGREEZ/8X	12,3	5%	35°C	●		●			●	●	●	
DST-DEGREEZ/9	9,4	5%	35°C	●	●	●	●		●	●	●	●
DST-DEGREEZ/9E	9,4	5%	35°C	●	●	●	●		●	●	●	●
DST-DEGREEZ/10	3,4	5%	35°C		●	●	●	●	●		●	
DST-DEGREEZ/11	7,3	5%	35°C		●	●	●	●	●	●	●	
DST-DEGREEZ/12	12,4	5%	35°C	●					●	●	●	
DST-DEGREEZ/13	10,1	5%	35°C		●	●	●		●	●	●	
DST-DEGREEZ/13P	10,8	5%	35°C	●			●		●	●	●	
DST-DEGREEZ/14	10,9	5%	35°C	●					●	●	●	
DST-DEGREEZ/15	9,9	5%	40°C	●	●	●	●	●	●	●	●	
DST-DEGREEZ/16P	10,4	5%	40°C	●	●	●	●	●	●	●	●	
DST-DEGREEZ/18	9,3	5%	40°C		●	●	●	●	●	●	●	
DST-DEGREEZ/18P	9,7	5%	40°C	●	●	●	●	●	●	●	●	

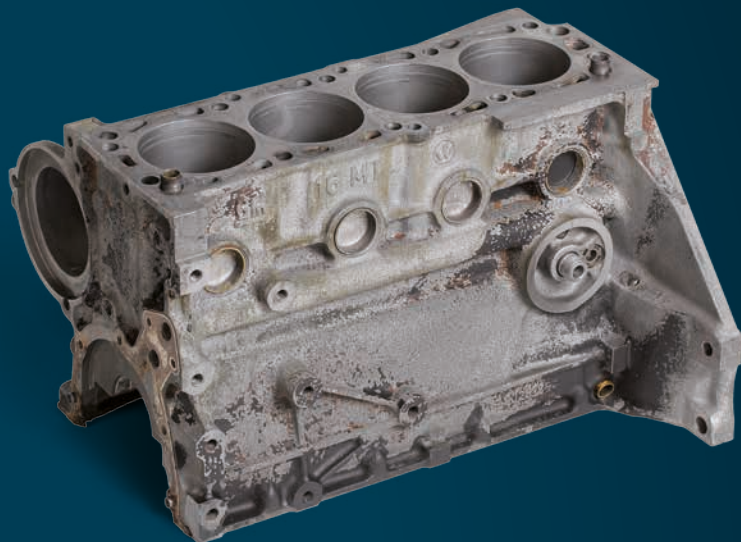
<sup>1</sup> pH is stated in a 5% solution at 20°C.  
<sup>2</sup> All products can be used with ultrasound at room temperature.  
All products can be used with mechanical action such as spray, flow, ultrasound etc.

# DST-DEGREEZ®

\*Labelling required



Focus on products for corrosion protection, derusting,  
cleaning after TEM/ECM and machine cleaning



# Machine cleaning & derusting



## Machine cleaning

Is used to clean washing machine before conversion to DST-DEGREEZ®

PRODUCT	pH <sup>1</sup>	CONC.	TEMP.
DST-DEGREEZ/M1	3,4	5%	35-60°C
DST-DEGREEZ/M2	9,4	5%	35-60°C

<sup>1</sup> pH is stated for the normal concentration for use at 20°C.



## Derusting

Efficiently removes rust from all surfaces.

PRODUCT	pH <sup>1</sup>	CONC.	TEMP.
DERUST/2	6,6	10-30%	Room temp.
DERUST/3	5,7	10-30%	Room temp.

<sup>1</sup> pH is stated for the normal concentration for use at 20°C.  
After derusting, corrosion protection of the surface using e.g. DST-PAS/1 is recommended

# Corrosion protection & cleaning after TEM and ECM



## Passivation/corrosion protection

Protects the surface from oxidation after washing with DST-DEGREEZ® and DERUST®

● Area of usage

PRODUCT	pH <sup>1</sup>	CONC.	TEMP. <sup>2</sup>	RED BRASS	BRASS	COPPER	STEEL	CAST IRON
DST-PAS/1	10,5	1%	Room temp.				●	●
DST-PAS/3	5,0	3%	Room temp.	●	●	●		
DST-PAS/4	10,3	1%	Room temp.				●	●
DST-PAS/6	10,6	2-3%	Room temp.				●	●
DST-PAS/7	9,5	1-2%	Room temp.				●	●

<sup>1</sup> pH is stated for the normal concentration for use.  
<sup>2</sup> The product can be used from room temperature: At spraying from 35°C.



## Cleaning after TEM or ECM

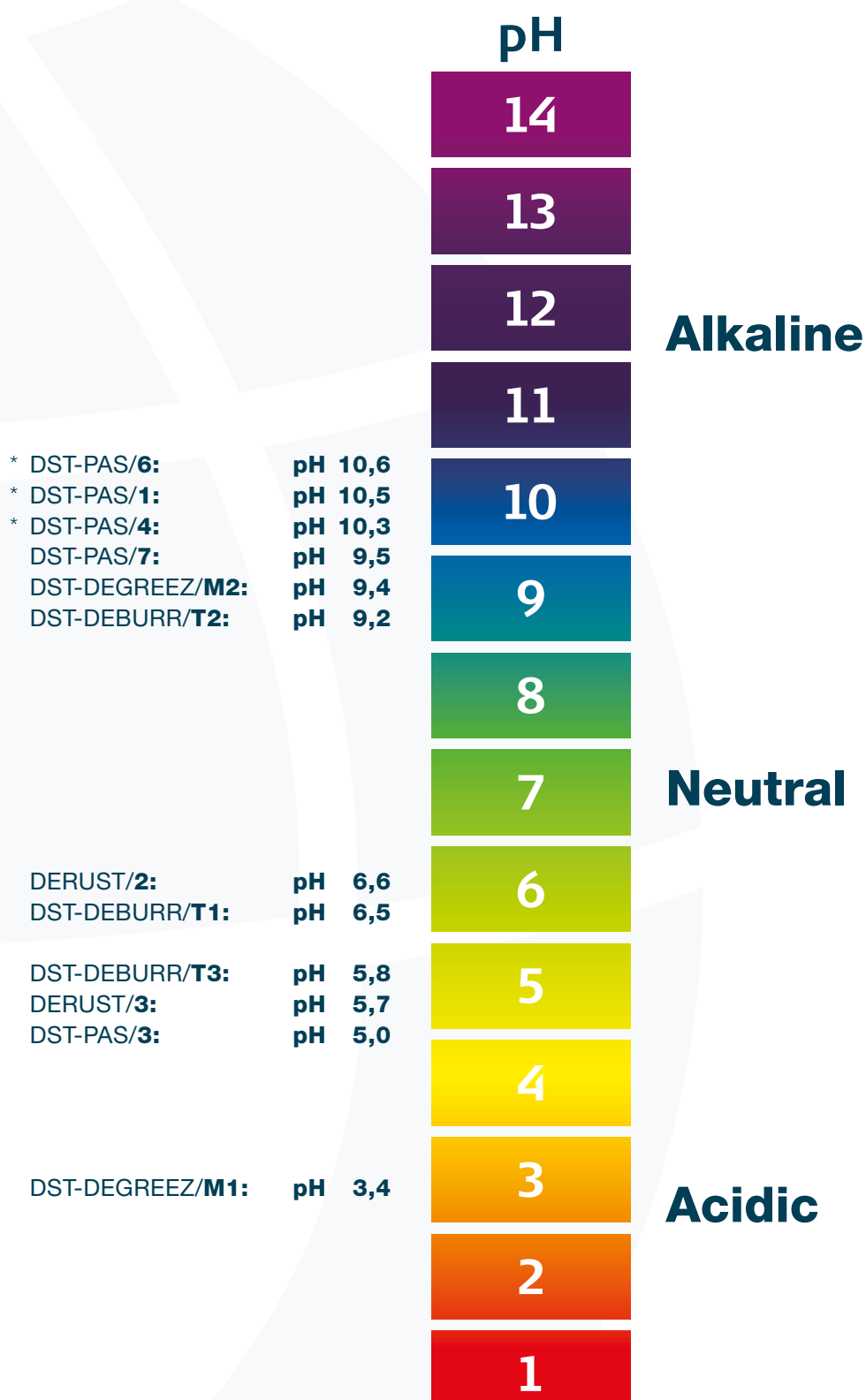
The products quickly and efficiently remove the oxide layer after thermal or chemical deburring.

PRODUCT	pH <sup>1</sup>	CONC.	TEMP.
DST-DEBURR/T1	6,5	10-30%	from 20°C (Ultrasound)
DST-DEBURR/T2	9,2	5%	from 35°C (Rinse)
DST-DEBURR/T3	5,8	10-30%	from 20°C (Ultrasound)

<sup>1</sup> pH is stated for the normal concentration for use at 20°C.

# DST-DEGREEZ® · DERUST® · DST-PAS® · DST-DEBURR®

\*Labelling required



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PURE PERFORMANCE

# Increased efficiency, reduced consumption

Industrial degreasing and parts cleaning are important areas of our customers' production process. We have developed an integrated concept to allow us to measure our success based on results of our customers. This includes:

- Process optimisation
- Longer bath lives
- Less waste water
- Reduced water consumption
- Reduced CO<sub>2</sub> emissions
- Clearly superior working environment

[www.dstchemicals.com](http://www.dstchemicals.com)

