

BB TECHNICAL SERVICE is a proactive and multipurpose company. Jointly with the engineering of the major designers and producers of railway subsets, we develop high-quality chemical products for the maintenance. After undergoing strict bench testing and thorough trials on duty, some of our products have been approved for the use within basic and higher level maintenance steps.

Our focused aim is to supply products able to improve the reliability of rolling stocks and to save maintenance time and costs.

BB TECHNICAL SERVICE is a technical partner of SPII. For this Partner Company we developed a complete range of special products to be used for the maintenance of subsets designed by SPII (as circuit breakers and driver desks).



	PRODUCT SP	APPLICATION	PACKAGING
1	SP D 240	FLUORINATED GREASE FOR DRIVE CONTROLS AND PANTOGRAPH CIRCUIT BREAKERS CONTACTS	100g TUBE – 10 pcs BOX
2	SP 300	CLEANER FOR SILICONE INSULATORS	400ml SPRAY CAN – 12 pcs BOX
3	SP 303	CLEANER FOR MECHANICAL COMPONENTS	400ml SPRAY CAN – 12 pcs BOX
4	SP 322	SYNTHETIC GREASE FOR THE LUBRICATION OF CIRCUIT BREAKERS MECHANISM	400ml SPRAY CAN – 12 pcs BOX
5	SP 352	CLEANER FOR RAIL DRIVER CONSOLE	400ml SPRAY CAN – 12 pcs BOX
6	SP 668	ALKALINE DETERGENT FOR PRESSURE WASHER	5kg PLASTIC TANK
7	SP 800	PRIMER FOR DIFFICULT PLASTIC MATERIALS	20g BOTTLE – 6 pcs BOX
8	SP 801	SPRAY CLEANER FOR THE PRETREATMENT BEFORE ADHESION	400ml SPRAY CAN – 12 pcs BOX
9	SP 810	ANAEROBIC ADHESIVE FOR DIFFICULT COUPLINGS – HIGH STRENGTH	50ml BOTTLE – 10 pcs BOX
10	SP 811	ANAEROBIC ADHESIVE FOR DIFFICULT COUPLINGS – OIL RESISTANT	50ml BOTTLE – 10 pcs BOX
11	SP 812	LOCKING FORMULATION – HIGH CAPILLARITY	50ml BOTTLE – 10 pcs BOX
12	SP 813	MEDIUM EFFECT LOCKING FORMULATION – OIL RESISTANT	50ml BOTTLE – 10 pcs BOX
13	SP 815	FITTINGS SEALANT	75ml BELLOW BOTTLE – 10PCS BOX
14	SP 827	THREADLOCKER – PERMANENT EFFECT	50ml BOTTLE – 10 pcs BOX
15	SP 830	ADHESIVE FOR DIFFICULT PLASTIC MATERIALS	20g BOTTLE – 10 pcs BOX
16	SP 831	FLUID ADHESIVE FOR DIFFICULT MATERIALS	20g BOTTLE – 10 pcs BOX
17	SP 832	ETHIL-BASED ADHESIVE FOR HIGH TEMPERATURE APPLICATION	20g BOTTLE – 10 pcs BOX
18	SP 833	MULTIPURPOSE CYANOACRYLIC ADHESIVE	20g BOTTLE – 10 pcs BOX
19	SP 850	ONE-COMPONENT SEALANT – COLOUR GREY (MS Polymer)	290ml CARTRIDGE – 24 pcs BOX
20	SP 851	SILICONE BASED SEALANT RESISTANT TO HIGH TEMPERATURE	310ml CARTRIDGE – 24 pcs BOX

SP 240 Lifetime grease for railway subsets

Fluorinated grease approved by SPII for **TEMPERATURE FROM -60°C TO +225°C**



The fluorinated grease SP 240 has been approved by SPII for the lubrication requirements of the integrated driver desk and of the train-roof circuit breakers designed for the new high speed train ETR 1000 (Italy)



SPRAY PRODUCTS APPROVED BY SPII FOR USE ON THE NEW ITALY HIGH SPEED TRAIN ETR 1000

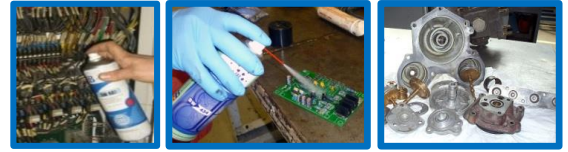
Code	Use
SP 300	Electric contacts cleaner
SP 303	Mechanical components cleaner
SP 352	Cleaner and hygienizer for drive desks



LUBRIFICANTI
LUBRICANTS
LUBRIFIANTS



DETERGENTI
CLEANERS
DÉTERGENTS



ADESIVI E SIGILLANTI
ADHESIVES AND SEALANTS
ADHÉSIFS ET PRODUITS D'ÉTANCHEITÉ



PRODOTTI CHIMICI PER LA MANUTENZIONE
CHEMICALS FOR MAINTENANCE
PRODUITS CHIMIQUES POUR OPÉRATIONS DE MAINTENANCE



BB TECHNICAL SERVICE

- Seleziona e fornisce prodotti di elevata qualità
Select and supply high quality products
Sélectionne et fournit des produits de haute qualité
- Offre una logistica rapida ed efficace
Fast and effective logistics
Logistique rapide et efficace
- Garantisce ai propri clienti un alto livello di consulenza tecnica e di assistenza after market
Proper technical consulting and aftermarket support
Excellent niveau de consultation technique et d'assistance après vente.

ALTRE LINEE DI PRODOTTO OTHER RANGES OF PRODUCTS AUTRES GAMMES DE PRODUITS

SW: Prodotti consumabili per impieghi su organi pneumatici, approvati da Faiveley Transport Italia Consumables products approved by Faiveley Italia for application on pneumatic parts.
Produits de consommation pour applications sur composants pneumatiques approuvés par Faiveley Transport Italie

CP: Prodotti consumabili per impieghi su pantografi e testate approvati da Production S.p.a.
Consumables products approved by Production for application on pantographs and train front-head
Produits de consommation approuvés par Production s.p.a. pour applications sur pantographes et tête de train

TS: Prodotti consumabili per impieghi generici selezionati e testati da BB Technical Service. Multipurpose consumables products selected and tested by BB Technical Service.
Produits de consommation sélectionnés et testés pour applications générales par BB Technical Service.

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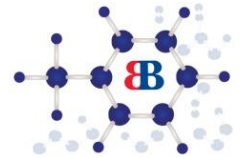
After undergoing strict bench testing and thorough trials on duty, some of our products have been approved for the use within basic and higher level maintenance steps. Our focused aim is to supply products able to improve the reliability of rolling stocks and to save maintenance time and costs.



*Pantograph of the high speed train
"Freccia Rossa" (Italy)*

BB TECHNICAL SERVICE is a technical partner of the Company PRODUCTION S.p.A. Under specific request of this Partner of ours we developed special greases for the pantograph lubrication. More in detail: the pin of the roll acting on the motor shaft's uplifting cam, the outside roll surface itself, the ends of the sliding-bow's suspension arms, the motor shaft's pin fixed on the base frame, the rotation pin of the main hinge between the motor shaft and the upper arm.

Special Grease for pantograph lubrication:



CP 230

High performance synthetic grease

Approved by Production for **TEMPERATURE FROM -50°C TO +200°C**

CP 241

Long-term fluorinated grease for extreme low temperature

Approved by Production for **TEMPERATURE FROM -70°C TO +220°C**

CP 230	High performance synthetic grease	Pantograph pins and joints lubrication Temp -50 +200 °C
CP 241	PFPE for extreme low temperature	Pantograph pins and joints lubrication Temp -70 +220 °C
CP 300	Spray cleaner	Electric contacts
CP 303	Spray cleaner	Mechanical components
CP 809	Spray cleaner	Surface pre-treatment for adhesion
CP 817	Sealant for threaded couplings	Mountings on train front-head and toilet modules
CP 840	Fittings sealant paste	Mountings on train front-head and toilet modules
CP 841	Fittings fluid sealant	Mountings on train front-head and toilet modules
CP 842	High strength threadlocker	Mountings on train front-head and toilet modules
CP 843	Medium strength threadlocker	Mountings on train front-head and toilet modules



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CLEANERS
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ADHESIVES AND SEALANTS
ADHÉSIFS ET PRODUITS D'ÉTANCHEITÉ
ADESIVI E SIGILLANTI



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PRODUITS CHIMIQUES POUR OPÉRATIONS DE MAINTENANCE
PRODOTTI CHIMICI PER LA MANUTENZIONE



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OTHER RANGES OF PRODUCTS AUTRES GAMMES DE PRODUITS LE NOSTRE LINEE DI PRODOTTO

SW: Consumables products approved by Faiveley Italia for application on pneumatic parts.
Produits de consommation pour applications sur composants pneumatiques approuvés par Faiveley Transport Italia
Prodotti consumabili per impieghi su organi pneumatici, approvati da Faiveley Transport Italia.

SP: Consumables products approved by SPII for application on electromechanic components.
Produits de consommation pour applications sur composants électromécaniques approuvés par SPII s.p.a.
Prodotti consumabili per impieghi su organi elettromeccanici, approvati da SPII S.p.a.

TS: Multipurpose consumables products selected and tested by BB Technical Service.
Produits de consommation sélectionnés et testés pour applications générales par BB Technical Service.
Prodotti consumabili per impieghi generici selezionati e testati da BB Technical Service.