



Iloform PL 17 ZM

Blankwash Oil

Description

Castrol Iloform™ PL 17 ZM is a low viscosity, neat forming oil containing a blend of high performance lubricity additives and an advanced corrosion inhibitor package.

Iloform PL 17 ZM is free of solvent, chlorine and heavy metals, such as Barium.

Application

Iloform PL 17 ZM is a metalworking fluid specifically designed for processing metal sheet, particularly used as a coil and blank washing fluid for production of automotive outer skin panels and components.

Iloform PL 17 ZM is fully compatible with the full variety of steel coatings, washer arrangements and wringer roller composites used within a modern automotive pressing operation. It is suitable in all coil- and blank washing equipment conceived for the processing of oils.

Iloform PL 17 ZM is specifically designed to meet the general requirements associated with the standard VDA 230-213 "Prelube 2" (without Item 5.6 "Frictional Properties") and is fully compatible for use with steel mill applied Prelubes and Prelube 2, such as Castrol Iloform™ PL 62 ZM.

Advantages

- High process reliability through age resistant formulation and optimised protective film retention.
- Superior compatibility with e-coatings and adhesives minimises impact on downstream processes.
- Reliable temporary protection against corrosion on bare steel sheet metal as well as grey staining and zinc corrosion on zinc coated surfaces.
- Excellent lubrication property minimises usage of additional sheet forming oils (Spot-Lubricants) to the greatest possible extend.
- Very good age resistance enables long bath life and ensures best cleanability even after temperature exposure.
- Solvent- and heavy metals-free technology helps improving the environmental profile and reduces waste disposal costs.

Typical Characteristics

Name	Method	Units	Value
Appearance	Visual	-	Clear, brown liquid
Density @ 15 °C	DIN 51 757	g/ml	0.890
Type of Film	-	-	oily
Kinematic Viscosity @ 40 °C	DIN 51 562	mm ² /s	18
Flash Point, COC	DIN ISO 2592	°C	157
Aromatic Content (Base Oil)	TML 1 (Vauxhall Motors)	%	< 10
Corrosion Protection	DIN EN ISO 6270-2 AHT	cycles	> 20

Ester	Active Sulphur	Inactive Sulphur	Phosphorous	Chlorine	Other
√		√			√

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