

CLEAN START™ INDUSTRIAL FLUSH

Clean Start™ Industrial Flush contains a blend of powerful varnish removers and dispersants as well as additives to protect the system while it cleans. Formulated for use in industrial compressor, hydraulic, and gear systems with conventional and synthetic hydrocarbons.

General Use Instructions

For optimal results, flush industrial systems before fluid changes following the procedure:

1. Drain 15-25% of the existing oil including any water that separates after system shutdown.
2. Refill to the required level with Clean Start Industrial flush and run the system for one to five days under normal operating conditions.
3. Drain the system completely including the filters and heat exchangers, using a small charge of new oil when necessary to fully remove the used oil flush mixture.
4. Fill the system with new oil to the required level per standard procedure.

The condition of the used oil or the system (the amount of varnishing that exists) will govern the degree of flushing required. For extremely dirty hydraulic and compressor systems, the system may be entirely drained and filled with **Clean Start Industrial Flush** and run for up to 500 hrs before draining the system and filling with new oil. Please contact your Hydrotex representative or our Technical Response Team to determine the optimal solution for your application.

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
ISO Grade	ASTM D2422	46
Kinematic Viscosity, cSt @ 40°C	ASTM D445	46.3
Kinematic Viscosity, cSt @ 100°C	ASTM D445	5.9
Density, lb/gal, @ 60°F	ASTM D1298	7.57
Density, kg/l @ 15.5°C	ASTM D1298	0.907
Pour Point, °F (°C)	ASTM D97	-33 (-36)
Flash Point, °F (°C)	ASTM D92	392 (200)
4-Ball Wear, mm	ASTM D2266	0.32
FZG Fail Stage, A/8.3/90	ASTM D5182	>12
Rust Test, Distilled Water	ASTM D665A	Pass
Rust Test, Syn. Sea Water	ASTM D665B	Pass
Color		Light Amber

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.