



# COMPAIR FLUID FORCE Rotary Screw Lubricants



## ⇒ *Choosing our Genuine Lubricants and Maintain your Peace of Mind!*

Lubricants are a key component of any lubricated rotary compressor. Too often this vital element of the compressor package is misunderstood and under valued by the machine owner. The temptation to look for cheaper alternatives often replaces prudence and common sense, leading to poor performance and costly repairs.

The Fluid Force lubricant is formulated with carefully selected base oils and additives, which enables it to achieve longer compressor running hours. The Fluid Force warranty lubricants last remarkably long in the severe CompAir compressor tests whilst safeguarding energy efficiency and compressor cleanliness.

- ⇒ This range of high performance lubricants is specifically designed to meet and exceed the operating requirements of all oil injected rotary screw compressors.
- ⇒ Ensure that you benefit from the enhanced peace of mind and all round protection that CompAir Fluid Force Lubricants will bring – The Liquid Asset.
- ⇒ Use of CompAir warranty lubricants supports the machine owner's participation in the extended warranty programmes Assure™ and Assure plus™, no other lubricants can offer you this protection.

## ⇒ **FLUID FORCE 4000 HOUR – THE SCREW WARRANTY LUBRICANT**

This premium quality compressor lubricant is specifically designed for use in CompAir oil injected screw compressors, and has been developed to meet all our requirements. CompAir 4000hr warranty lubricant is formulated with carefully selected base oils and additives.

Available in 5, 20 & 209 Litre packs with WHITE identifying cap.

Your benefits on a nutshell:

- ⇒ Vastly increased life when compared to conventional alternatives
- ⇒ Excellent protection against oil separator clogging
- ⇒ Exceptional resistance to oxidation and system contamination
- ⇒ Reduced oil consumption and carry over
- ⇒ Lower maintenance, reduced downtime – increased operating profit
- ⇒ Use of this lubricant maintains Assure™ warranty conditionality

## ⇒ FLUID FORCE 4000 HOUR – THE SCREW WARRANTY LUBRICANT



	Test Method	Fluid Force 4000 Hour Screw Warranty Lubricant
ISO Viscosity Grade	ISO 3448	46
Kinematic Viscosity	ASTM D445	
at 40 °C	mm <sup>2</sup> /s	46
at 100 °C	mm <sup>2</sup> /s	6.8
Viscosity Index		102
Density at 15 °C	kg/m <sup>3</sup> ASTM D1298	875
Flash point COC	°C ASTM D92	230
Pour Point	°C ASTM D97	-33
Ash, sulphated	% DIN 51575	0.48
Air release at 50 °C	min ASTM D 3427	10
Water separability at 54 °C	min ASTM D 1401	< 40
FZG Test	load stage failure CEC-L07-A-85	12
Colour		Blue

These characteristics are typical of current production.  
Whilst future production will conform to specification, variations may occur.

## ⇒ FLUID FORCE FOOD GRADE – SCREW LUBRICANT

CompAir food grade lubricants is a hydro tested mineral oil for food and environmentally sensitive applications. Supported by the food grade flushing oil (Fluid Force Prime) they offer the following additional benefits:

- ⇒ Non Toxic, odourless and tasteless
- ⇒ 50% more biodegradable than standard mineral oil
- ⇒ Meets all major environmental legislative requirements

Available in 20 & 209 Litre packs.

	Test Method	Fluid Force Food Grade Screw Lubricant
ISO Viscosity Grade	ISO 3448	46
Kinematic Viscosity	ASTM D445	
at 40 °C	mm <sup>2</sup> /s	46
at 100 °C	mm <sup>2</sup> /s	7.3
Viscosity Index		133
Density at 15 °C	kg/m <sup>3</sup> ASTM D1298	
Flash point COC	°C ASTM D92	250
Pour Point	°C ASTM D97	-60
Ash, sulphated	% DIN 51575	
Air release at 50 °C	min ASTM D 3427	
Water separability at 54 °C	min ASTM D 1401	
FZG Test	load stage failure CEC-L07-A-85	
Colour		Clear

These characteristics are typical of current production.  
Whilst future production will conform to specification, variations may occur.

## ⇒ FLUID FORCE 2000 HOUR – SCREW UNIVERSAL LUBRICANT

A high quality compressor lubricant developed for lubrication of oil injected Screw Compressors. A hard working, reliable lubricant to deliver robust protection and lubrication at a competitive price.

Available in 5, 20 & 209 Litre packs with BLACK identifying cap.



CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

