



## HYDRAULIC OILS

# ADDINOL ARCTIC FLUID 5606

### PRODUCT DESCRIPTION

ADDINOL Arctic Fluid 5606 is based on high-quality base oil components being extremely stable against low temperatures. It contains a zinc-free additive combination which stabilizes the ageing process and improves the protection against corrosion and wear.

Operating temperature: -50°C up to +90°C

### APPLICATION

- Excellent suitability as pressure fluid for hydraulic installations, which operate under extreme temperature conditions and require an outstanding low-temperature behaviour
- Preferably used in mobile hydraulics, in chilling houses or under arctic climate conditions
- Highly suitable for applications with strongly changing temperatures, e.g. application field of German Railway "Deutsche Bahn AG"

### CHARACTERISTICS

- Extremely high viscosity index
- Outstanding low temperature behaviour
- Improved corrosion and wear protection
- Excellent ageing resistance

### SPECIFICATIONS

Meets the requirements according to:

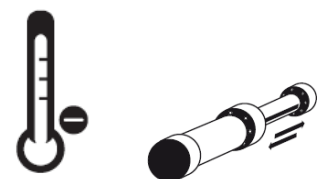
- MIL-PRF-5606 H (except cleanliness class)
- ISO 6743-4 (HV) except Flash Point
- DIN 51524-3 (HVLP) except flash point

### DELIVERY

Delivery preferable in drums and 20 l cans.

### ADVANTAGES AND BENEFITS

- Application at strongly changing temperatures
- Application at low temperatures
- Failure-free operation also in multi-metal systems
- Long service life
- Extension of oil change intervals





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## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		ARCTIC FLUID 5606	Method acc. to
Operating temperature		°C	-50 up to +90	
Density	at 15°C	kg/m <sup>3</sup>	865	DIN 51757
Viscosity	at -40°C	mm <sup>2</sup> /s	410	DIN 51562-1
	at 40°C	mm <sup>2</sup> /s	14.2	ASTM D 7042
	at 100°C	mm <sup>2</sup> /s	5.4	
Viscosity index			391	DIN ISO 2909
Flash point	PM	°C	min. 105	DIN EN 22719
Pour point		°C	min. -64	ASTM D 7346
Ageing behaviour Increase of NN	after 1000h	mg KOH/g	< 2.0	DIN EN ISO 4263-1
Corrosion protection on steel			passed	DIN ISO 7120
Corrosivity on copper		corr. level	max. 1	DIN ISO 2160
VKA test, wear scar (d 392)		mm	0.80	ASTM D 4172

### ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.