



HYDRAULIC OILS

ADDINOL ARCTIC FLUID 22

PRODUCT DESCRIPTION

ADDINOL Arctic Fluid 22 is based on high quality, extreme low-temperature resistant base oil components with an additive combination free of zinc, which guarantees ageing stability, corrosion and wear protection.

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 tool machines and circulation systems in areas with distinctively continental climate and other special applications
- Fit for the lubrication of gears

CHARACTERISTICS

- Extreme high viscosity index
- Outstanding low-temperature behaviour
- Improved corrosion and wear protection
- Excellent ageing resistance
- Multi-grade characteristics
- High load-carrying capacity
- Low foaming tendency

SPECIFICATIONS

Meets the requirements according to:

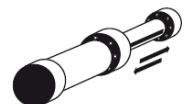
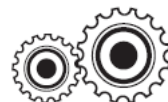
- ISO 6743-4: HV (except flash point)
- DIN 51524-3: HVLP (except flash point)

DELIVERY

Delivery preferable in drums.

ADVANTAGES AND BENEFITS

- Insensitive to viscosity change at varying temperatures
- Application at low temperatures
- Faultless operation also in multi-metal systems
- Long service life because of using synthetic base oils
- Reduction of the product range for appliciers
- Usable as industrial gear oil
- Effective protection against formation of foam in practical applications





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		ARCTIC FLUID 22	Method acc. to
Density	at 15°C	kg / m ³	864	DIN 51757
Viscosity	at 0°C	mm ² /s	84	ASTM D 7042
	at 40°C	mm ² /s	21,4	
	at 100°C	mm ² /s	6,95	
Viscosity index			326	DIN ISO 2909
Flash point	COC	°C	min. 136	DIN EN ISO 2592
Pour point		°C	max. -57	ASTM D 7346
Ageing behaviour Increment of NN	after 1000h	mg KOH / g	< 1.5	DIN EN ISO 4263-1
Corrosion protection on steel	method A		passed	DIN ISO 7120
Corrosivity on copper	100°C, 3h	corrosion level	1	DIN ISO 2160
FZG test A/8.3/90		scuffing load stage	12	
Foaming characteristics	at 24°C	ml / ml	< 50 / 0	ASTM D 892

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 70 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.