

N.B.A. 75

Readily biodegradable hydraulic oil



The benefits at a glance

- NSF-H1 registered
- Fully synthetic
- Readily biodegradable
- High ageing and oxidation stability
- Wide operative temperature range
- High viscosity index
- Good compatibility with seals



Properties

Rivolta N.B.A. 75 is a fully synthetic hydraulic oil, especially developed for the food processing industry for the application in environmentally related and environmentally sensitive areas. Our product is based upon a readily biodegradable base oil, on the basis of renewable raw materials and optimized by an additive package of ageing, corrosion and wear inhibitors.

Fields of application

Rivolta N.B.A. 75 is applicable for hydraulics of all kinds (hydraulic motors, hydraulic pumps) e.g. in mobile loading systems, dumpers, tippers, combine harvesters, loading crane systems and other applications in environmentally sensitive areas and in the food industry.

Form	liquid
Colour	transparent-yellowish
Odour	neutral

Material compatibility

Rivolta N.B.A. 75 is compatible with sealing materials which are resistant to mineral oils (e.g. NBR, FKM). Miscible with mineral oils, ester oils and PAO. Do **not** mix with polyalkylene glycol.

Preparation of the lubricating point

Before a new filling with **Rivolta N.B.A. 75** the following steps have to be carried out:

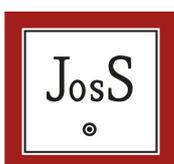
- First drain the old product. If the system was filled with a miscible product, no particular flushing is necessary before the new filling with **N.B.A. 75**. The full performance only results from an unmixed use.
- If the system was filled with an oil which is not miscible, a flushing with **N.B.A. 75** has to be carried out before the new filling.

Instructions for use

Suitable application devices and accessories in our [accessories brochure](#).



	Value	Norm
NSF Reg.-No.	153216	-
Density at +15 °C	0,92 g/cm ³	-
Viscosity index	> 180	DIN ISO 2909
ISO viscosity grade	46	DIN ISO 3448
Viscosity of base oil at +40 °C	46 mm ² /s	DIN ISO 3104
Viscosity of base oil at +100 °C	9,5 mm ² /s	DIN ISO 3104
Flash Point	> +280 °C	DIN EN ISO 2592
Pour point	-50 °C	DIN ISO 3016
Operative temperature range	-40 °C up to +100 °C	-
F.Z.G.-Test (A / 8,3 / 90)	> 12	DIN ISO 14635-1
Mechanical test vane pump (Vickers-pump typ V105C)	passed	(DIN 51389-2)
Compatibility with seals of HNBR 1 (1008h, +80 °C)		ISO 6072
- Change in Shore A-hardness	-3	
- Relative volume change	+3,8	
Compatibility with seals of FKM (1008h, +80 °C)		ISO 6072
- Change in Shore A-hardness	+1,1	
- Relative volume change	+0,5	
Biodegradability	> 60%	OECD 301 B



JosS d.o.o.

Sokolska 45 | 2000 Maribor | Slovenia
 T +386 2 421 57 20 | GSM +386 41 705 509
 joss@joss.si | www.joss.si