

Description

Repsol Vesta AW hydraulic oil has been developed to exceed most of the quality standards issued by hydraulic system manufacturers. Lubricant is formulated using selected GII base oils and additive technology to create a hydraulic oil with outstanding antiwear and pumpability performance. These oils are especially suitable for most hydraulic circuits, including those in extreme conditions where special anti-wear protection is critical.

Properties

- Resistance to oxidation, ageing and sludge formation.
- Low pour point.
- High viscosity index.
- Technology tested against most of the rubbers in joints.
- Good anti-foam properties and demulsibility.
- Improved and reinforced anti-wear properties.
- Excellent water separability property

Quality levels

- DIN-51524 Part 2 HLP
- ISO 6743/4 HM
- ISO 11158
- AFNOR NF E 48-603 HL, HM
- Parker Denison HF-0
- MAG IAS P68 (ISO 32); P69 (ISO 68); P70 (ISO 46)

Technical specifications

	UNIT	METHOD	VALUE			
ISO Grade			32	46	68	100
Viscosity at 100 °C	cSt	ASTM D 445	5.4	6.7	8.6	11.1
Viscosity at 40 °C	cSt	ASTM D 445	32	46	68	100
Viscosity index		ASTM D 2270	99	97	97	97
Density at 15 °C	g/cm ³	ASTM D 4052	0.859	0.876	0.882	0.887
Flash point	°C	ASTM D 92	200	231	246	252
Pour point	°C	ASTM D 97	-27	-24	-24	-24
FZG, damage stage		DIN 51354	10	11	11	11
4B wear, scar diameter	mm	ASTM D 4172	0.44	0.45	0.45	0.45
Res. Oxidation acid number at 1500 hrs	mgKOH/g	ASTM D 943	<2	<2	<2	<2
De-emulsification at 54 °C	min	ASTM D 1401	<20	<20	<30	<30
Copper corrosion 3 h at 100 °C		ASTM D 130	1b	1b	1b	1b

The above-mentioned characteristics are typical values and should not be considered product specifications.

A safety data sheet is available on request.

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