

Description

Repsol Vesta AW-V is a high viscosity index lubricant especially developed to be used in a wide range of operation temperatures. The latest additive technology has been used to minimize shearing effect, allowing us to keep the same viscosity along its use. VESTA AW-V exceeds the HVLP level of performance, reaching outstanding anti-wear and antioxidant performance.

Especially designed for hydraulic equipment with large temperature fluctuations, hydraulic system used in the sea as well as in all kind of public work off road machinery.

Properties

- High resistance to oxidation, ageing and sludge deposits.
- Low pour point for proper lubricity in cold areas.
- Very high viscosity index to perform in a wider temperature range.
- Technology compatible with most of the rubbers in joints.
- Good anti-foam properties
- Improved and reinforced anti-wear properties.
- Easy Water Split from lubricant if there is a pollution.

Quality levels

- DIN-51524 Part 2 HVLP
- ISO 6743/4 HV
- ISO 11158
- AFNOR NF E 48-603 HV

Technical specifications

	UNIT	METHOD	VALUE	
ISO Grade			46	68
Viscosity at 100 °C	cSt	ASTM D 445	6.7	8.6
Viscosity at 40 °C	cSt	ASTM D 445	46	68
Viscosity index		ASTM D 2270	150	150
Density at 15 °C	g/cm ³	ASTM D 4052	0.863	0.882
Flash point	°C	ASTM D 92	200	220
Pour point	°C	ASTM D 97	-30	-24
FZG, damage stage		DIN 51354	11	12
Foaming Stability	cm ³	ASTM D 892	150/75/150	150/75/150
Foaming Tendency	cm ³	ASTM D 892	0/0/0	0/0/0
De-emulsification ⁽¹⁾ 54 °C/ ⁽²⁾ 82 °C)	min	ASTM D 1401	<20 ⁽¹⁾	<30 ⁽²⁾
Copper corrosion 3 h at 100 °C		ASTM D 130	1b	1b

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

A safety data sheet is available on request.

repsol.com
 +34 901 111 999
lubricantes@repsol.com

Technical data sheet for Lubricant RAS451. Revision 1. June 2020.