



FDX S RV

Quenching fluid

Description

FDX S RV fluids have been developed for heat treatment of ferrous metals in a wide variety of quenching operations.

The fluid is formulated with carefully selected additives to achieve enhanced oxidation resistance and faster cooling rate.

Benefits

- Controlled cooling rate to minimize cracking

- Excellent resistance to oxidation
- Increased flash point
- Good surface finish

Applications

With FDX S RV products you can achieve excellent mechanical characteristics in steels and avoid heterogeneous hardness. It is recommended for conventional and fast quenching of all kind of steels that require good core harness.

Typical performance data

	S2 RV	S3 RV	S4 RV
Colour	Colourless liquid		
Density @ 20 °C, gr/cm ³	0,87	0,87	0,87
Viscosity @ 40 °C, cSt	15	26	86
Flash point, °C	175	200	230
Pour point, °C	-10	-8	-10
Specific heat, cal/gr	0,49	0,5	0,49
Cooling rate @ 40 °C ,°C/sec	90-100	85-95	85-100
Working temperature, °C	20 – 80	30 – 80	40-80

All performance data on this Technical Data Sheet are indicative only and can vary during production

Matrix Specialty Lubricants BV - info@lubes-portal.com – www.lubes-portal.com