

High Performance Anti-Wear Hydraulic System Oil

Description

PRDL HYDROLUBE series are high performance anti-wear hydraulic oils developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service. Formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust, corrosion and wear. They also possess superior foam control, water separation and rapid air release properties.

Features

- ❖ Excellent thermo-oxidative stability controls the formation of sludge and varnish hence improves oil life and exceptional anti-wear property results in longer pump and component life and reduces costs.
- ❖ Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions and special rust and corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- ❖ Rapid air release property minimizes chances of pump cavitation's leading to trouble free operations.
- ❖ Compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Application

PRDL HYDROLUBE series can be used in hydraulic systems operating under moderate to severe conditions in mobile and industrial service and in older hydraulic systems where leakage is a problem and cost-effective hydraulic oil providing all-round protection is required, mobile hydraulic fluid power transmission systems and general machine lubrication.

Meets the Specification

Cincinnati P-68 (ISO 32)
Cincinnati P-79 (ISO 46)
Eaton M-2950 S, I-286 S
DIN 51524 Part 2 HLP
ISO 11158 HM
Cincinnati P-69 (ISO 68)
ASTM 6158-08 HM
GB 111181-1-94 HM
AFNOR NF-E 48-603
Denison HF-0, HF-1, HF-2
Swedish Stand. SS 15 54 34 AM

Bosch Rexroth Ref 17421-001 & RD 220-1/04.03

Typical Physical and Chemical Properties

PRDL HYDROLUBE	Test Method	10	32	46	68	100
Appearance	Visual	B & C	B & C	B & C	B & C	B & C
Density @ 15°C, g/cm ³	ASTM D 4052	0,865	0,875	0,880	0,885	0,890
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	10	32	46	68	100
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	2,6	5,4	6,7	8,9	11,1
Viscosity Index	ASTM D 2270	100	99	98	97	96
Flash Point, (COC), °C	ASTM D 92	135	219	232	238	251
Pour Point, °C	ASTM D 97	-30	-30	-29	-23	-23
Corrosion Test	ASTM D 665	Passes				

Packaging and Storage Conditions

Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 years. Available in 20 LT Pails, 208 LT Drums and 1000 LT IBCs.

Human Health and Work Safety

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling. Avoid eye and prolonged skin contact. Wash thoroughly after handling material. For more information please see the Material Safety Data Sheet (MSDS).

Data brought back in the present informative technical sheet describe the indicative medium characteristics of the product: these can be varied without warning and they do not constitute sale specifications. **Revision: 01/2018-09**