

HYDRAULIC OILS

LSA Hydraulic Oil is designed with highly refined lubricating base oils and zinc anti-wear additives, possessing high viscosity indexes and low pour points, for automotive and industrial hydraulic systems which operate at moderate temperatures.

Inhibits foam from forming in the oil and offers protection against rust and corrosion in the event of water contamination.

Advantages

Excellent oxidation stability and resistance to aging.

Good anti-wear and EP properties to promote protection in pumps, bearings and other components.

Excellent corrosion and oxidation protection.

Good deaeration and low foaming properties.

Good demulsifying properties allows for rapid condensation/ water sedation to avoid the formation of water and oil sludge.

Good elastomer compatibility avoids shrinkage and swelling of seals.

Meets the following hydraulic oil performance requirements

Denison HF-0

Parker Hannifin HF - 0

DIN 51 524 Part I (HL) Part II (HLP)

US Steel 126, 127

Eaton (formerly Vickers) 1 – 286 – S, M2980-S

Cincinnati (Milacron) P68 – 69 - 70

TYPICAL CHARACTERISTICS

Product Name ISO Grade	Unit	15	22	32	46	68	100
Hydraulic oil type acc. to DIN 51 524 pt 2		HLP 15	HLP 22	HLP 32	HLP 46	HLP 68	HLP 100
Viscosity @ 40 °C	cSt	15	22	32	46	68	100
Viscosity @ 100 °C	cSt	3.4	4.4	5.4	6.8	8.8	11.2
Viscosity Index		103	103	103	101	100	98
Density @ 15 °C	Kg/m ³	0.86	0.87	0.87	0.875	0.88	0.885
Flashpoint Cleveland open cut	°C	200	210	215	220	230	235
Pour Point	°C	-30	-30	-28	-28	-25	-21
FZG Mechanical gear rig test	Load Stage	11	11	11	11	12	12

Package Sizes 1000 litre, 200 litre , 20 litre, 10 litre in 68 only, 5 litre in 32, 46 and 68 only

The information contained herein is accurate at the time of this review.
However specifications change from time to time. Ensure specifications meet
equipment manufacture requirements.