



CAM2 Hydra-Cat 100

SAE 20W

Product Code # 132

CAM2 Hydra-Cat 1000 was expressly designed for hydraulic systems on off-road machinery such as the yellow machines made by CaterpillarTM and many others. It is customary in this industry to use 10 weight engine oils for hydraulic fluids. That is OK, but engine oils bring to the table several things that are not required for hydraulic systems. These things may not even be very good for hydraulic systems. For extra heavy duty performance, specifications require a minimum of 900 PPM of Zinc from the anti-wear additive. This is far beyond the Zinc levels for industrial anti-wear hydraulic oils. **Hydra-Cat 1000** is a special formula just for off-road equipment. It meets all the specifications for Zinc content and other requirements. **Hydra-Cat 1000** will give you better hydraulic performance at a significantly lower price than 10 or 20 weight engine oil.

BENEFITS:

- EXCELLENT OXIDATION RESISTANCE
- EXCELLENT ANTIWEAR PROTECTION
- EXCELLENT RUST PROTECTION
- SUPERIOR WET OR DRY FILTERABILITY
- LOW POUR POINT FOR ALL SEASON USE
- EXCELLENT THERMAL STABILITY
- EXCELLENT ADDITIVE STABILITY
- GOOD HYDROLYTIC STABILITY
- LOW COST OF OPERATION

Contact your CAM2 representative or CAM2 distributor for additional information.

**PRODUCT
BULLETIN**

www.CAM2.COM
800-338-CAM2

CAM2 Hydra-Cat 1000 SAE 20W

We started with a well know additive package for anti-wear hydraulic oils. We boosted the Zinc anti-wear additive portion to meet the Caterpillar™ specifications. This makes a formula similar to years past when Industrial anti-wear oils had much more Zinc. In those days Caterpillar™ accepted anti-wear hydraulic oils for their equipment. As the industrial anti-wear oils drifted to lower Zinc levels, Caterpillar™ began to insist on 10 weight engine oils to keep the Zinc level up. We have custom blended **Hydra-cat 1000** to comply with Caterpillar™ specifications. It has a higher zinc anti-wear content than any commercial hydraulic oil in the Nation.

Hydra-Cat 1000 is made with premium quality base stocks and additives. It will provide the whole gamut of hydraulic oil performance. This claim is backed by a laundry list of hydraulic oil specifications. The increase in Zinc will provide exceptional anti-wear protection and outstanding oxidation protection. This product will work through longer drain intervals than conventional anti-wear hydraulic oils or 10 and 20 weight engine oils. Every batch receives careful quality control inspection. We offer Certificates of Analysis with every bulk load. This product is backed by our technology supplier who is in direct contact with the equipment builders. Careful attention to our customer needs and to the recommendations from our technology supplier have produced a winning concept; **Hydra-Cat 1000**.

Hydra-Cat 1000 is a new concept. 10 or 20 weight engine oils are not very good hydraulic oils. We could easily follow the pack. Instead we listened to our customers who wanted improved hydraulic performance. This is a flat outstanding anti-wear hydraulic oil for vehicles or any other application. It is loaded with good stuff for the hydraulic system; and no more. It is available in both SAE 10 & 20 weight and is superior to engine oil in every aspect, and we can sell it at a better price.

SPECIFICATIONS:

- Caterpillar™ Anti-wear Hydraulic Oil
- Vickers I-286-S and M-2950-S
- Cincinnati Milacron P-68, P-69, P-70
- Jeffery No. 87
- U.S. Steel 127, 136
- Liebherr
- General Motors LH-04-1, LH-06-1, LH-15-1
- Dennison HF-1, HF-2, HF-0
- Lee Norse 100-1
- Ford M-6032
- B. F. Goodrich 0152

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TYPICAL PROPERTIES:

SAE GRADE:	10W	20W	10W	20W
Product Code:			131	132
VISCOSITY AT 100° C. CS			4.3 - 5.4	8.7-9.6
ISO VISCOSITY GRADE			32	68
VISCOSITY INDEX			95 min.	95 min
SPECIFIC GRAVITY			0.880	0.880
FLASH POINT, F.			440	450
POUR POINT, F.			-35	-35
ZINC LEVEL (PPM)			1250	1250

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